



Overjoyed parents (and siblings, aunts, uncles, etc.) overflow the steps of Widener.

Kris Snibbe/Harvard News Office

(Continued from page 20)

**Chalk it up to clever advertising**

The chalked sign in front of Mr. Bartley's Gourmet Burgers, a Harvard Square institution that has been dishing up patties since 1960, drew customers to the sidewalk and gave hungry parents a laugh:

"Harvard Degree: \$200K. Picture of Graduate with Mr. B: Priceless."

**Fifty years later**

Standing near a flag in the Old Yard to mark the group of graduates from the Class of 1959, Michael Whiteman of Albany, N.Y., and formerly of Dunster House, reminisced about his days as a Harvard undergraduate. The diversity of today's graduating class was a welcome change for the alumnus who described his own class from half a century ago as largely male and white. "It seems to me," he added, "the students look much happier." One of Whiteman's enduring Harvard memories was thanks to his roommate. "He was behind in his organic chemistry lab, so he tried to catch up doing some experiments in our room," he recalled. Unfortunately, his roommate's attempt to heat toluene, a component of TNT, on a hot plate resulted in a small fire. "It singed all the paint off the walls," Whiteman recalled.

**Titter**

The best unanimous titter went to the Chaplain for the Day who, during his opening prayer, wondered if the spirit of truth was "the one who has sustained these proud parents gathered here today in love and relief..." The second half of his comment sent a ripple of laughter through the thousands of parents gathered in Tercentenary Theatre, and, unsurprisingly, the thousands of their graduating children also in attendance.

**'Meaningful moments'**

As graduates of the Harvard Graduate School of Education (HGSE) filed out of Longfellow Hall into a large white tent to receive their diplomas, members of the crowd fanned themselves with their programs and took refuge under large white and crimson umbrellas, as the sun, an infrequent guest at recent Commencements, beamed down on the gathering and temperatures rose.

"As educators, we know about giving our all to a difficult task," said HGSE Dean Kathleen McCartney to the graduating class. "And we know that the meaningful moments matter. ... Members of the Class of 2009, I am here today to make an easy prediction: As educators, you will touch the future, and your future will be filled with many, many meaningful moments."



Kris Snibbe/Harvard News Office

Delighted decked-out Harvard Law School graduates, some wielding gavels, some wielding cell phones, congregate under a canopy of lovely green prior to receiving their diplomas.

Corydon Ireland, Colleen Walsh, Alvin Powell, Emily T. Simon, Gervis A. Menzies Jr., Steve Bradt, and John Lenger contributed to this story.

## Green reunions: Groundwork set

*Class of '84 reunion promises to change the hue of things to come*

By Corydon Ireland/Harvard News Office

As of June 4, Harvard has celebrated 358 commencements. Add to that the simultaneous celebration of untold thousands of reunions.

But it took until this year for a Harvard Class to host the first reunion that included the environment on its guest list.

Starting last fall, planners for the Class of 1984's 25th reunion set out to reduce the big carbon footprint that comes with big reunions.

With good reason. At Harvard, the 25th is typically the mother of all reunions — a four-day blowout that opens Harvard Yard dormitories to families, caters large-scale meals, and sponsors trips, symposia, soirees, and services.

(See *Green*, page 28)



Katherine C. Cohen/Harvard News Office

Justin Ide/Harvard News Office



**Audio slide shows**

**Triumphant day**  
www.news.harvard.edu/multimedia/flash/090604\_commencement.swf

**Class Day 2009**  
www.hno.harvard.edu/multimedia/flash/090603\_classday.swf

**Commencement commences**  
www.hno.harvard.edu/multimedia/flash/090602\_pbkbacc.swf



**Distinguished accomplishments**

Six professors in the FAS have been named Walter Channing Cabot Fellows.

Page 5



**Nonjudgmental**

Radcliffe Medal winner takes a long and even-handed look at women in the legal profession.

Page 13



**A day of jubilation!**

Look at — and read about — the faces of Harvard's 358th Commencement.

Page 15



**Musical velocity**

Unlikely bedfellows physics and music premiere together in a Lisa Randall opera.

Page 31

## This month in Harvard history

**June 21, 1776** — The College re-assembles in Cambridge after its eight-month stay in Concord.

**June 19, 1858** — At the Boston City Regatta, crimson finds its first use as a Harvard color when members of a Harvard boat club seek to distinguish themselves among the many entrants. At a store, Charles William Eliot (then a tutor, later President) and club captain B. W. Crowninshield pick six crimson China-silk handkerchiefs to tie around their heads (University Archives holds several of the originals). The team beats 6 others from Boston, New York, and St. John in a 3-mile race. On July 5, they beat 7 boats in a 6-miler. Crimson becomes Harvard's rowing color and spreads to other teams. The Harvard Corporation officially adopts it in 1910.

**June 26, 1901** — Commencement Day. The newly completed Harvard Union (now part of Barker Center for the Humanities) opens for visitors' inspection. Several sections of the Yard fence are also dedicated by the Classes who donated them or in whose name they were built.

**June 22, 1903** — Groundbreaking for Harvard Stadium takes place.

**June 1904** — Helen Keller, who had lost sight and hearing in early childhood, earns her A.B. (with honors) from Radcliffe. Dorothy Elia Howells recalls the memorable moment in "A Century To Celebrate: Radcliffe College, 1879-1979."

"Guided by Anne Sullivan [Keller's faithful teacher and companion since childhood], she crossed the platform of Sanders Theater [sic]. As [Radcliffe] President [Le Baron Russell] Briggs was about to hand her her diploma he paused and said, 'This seems to be a veritable fulfillment of the prophecy of Isaiah: "Then the eyes of the blind shall be opened and the ears of the deaf unstopped.'" The applause that followed shook the hall, and Helen Keller felt its vibrations. Many students came to Radcliffe afterward because of Helen Keller."

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

## CLARIFICATION

### Asian studies centers, institutes announce grant recipients

In the list of grant recipients that appeared on pages 38 and 39 of the June 4 issue of the Gazette, the headline failed to note all of the Asia studies centers and institutes issuing grants. Those include: The Harvard Asia Center, the Harvard China Fund, the Fairbank Center for Chinese Studies, the Korea Institute, the Reischauer Institute of Japanese Studies, and the South Asia Initiative.

The Gazette regrets the omission.

To see the complete list of recipients of student grants for summer 2009 and the 2009-10 academic year, please visit [www.news.harvard.edu/gazette/2009/06.04/asiagrants.html](http://www.news.harvard.edu/gazette/2009/06.04/asiagrants.html).

## POLICE REPORTS

Following are some of the incidents reported to the Harvard University Police Department (HUPD) for the week ending June 8. The official log is located at 1033 Massachusetts Ave., sixth floor, and is available online at [www.hupd.harvard.edu/](http://www.hupd.harvard.edu/).

**June 4:** At Leverett House, an officer was dispatched to take a report of a stolen unattended debit card. At Holyoke Center, officers were dispatched to a report of two individuals fighting with bottles. Officers report it was a verbal altercation and sent the individuals on their way. At the Harvard Institute of Medicine (HIM) Building, an officer was dispatched to take a report of a stolen bicycle. At the New Research Building, a bicycle and lock were stolen. At Weeks Bridge, officers were dispatched to a report of individuals jumping off the bridge. Upon arrival, officers located the individuals in the water. One individual was hanging on the ledge, and officers sent them a flotation device to pull them ashore. Complaints will be sought against the individuals in the incident.

**June 5:** At the Blackstone steam plant, officers assisted the Cambridge Police Department (CPD) in taking a report of an assault. At Kirkland House, officers reported that a group of individuals yelling in the area was sent on its way. At 1750 Massachusetts Ave., officers assisted the CPD with apprehending

three individuals involved in a robbery. The CPD placed the three individuals under arrest. At the Quincy House dining hall, an officer was dispatched to take a report of damage done to a window. An officer assisted the Boston Police Department in serving a restraining order at Longwood Campus Operations. An officer was dispatched to a report of an individual inside the Center for Government and International Studies. The officer located the individual, conducted a field interview, and ran the individual for warrants with negative results. The individual was then placed under arrest and charged with trespassing.

**June 6:** A bicycle and lock were stolen at Cabot House. At Kirkland House, an officer was dispatched to take a report of a stolen wallet that contained ID and credit cards. At the New Research Building, a bicycle and lock were stolen.

**June 7:** A BlackBerry was stolen from Winthrop House.

**June 8:** At Phillips Brooks House, an officer took a report of a stolen backpack containing a MacBook Pro laptop, iPod, computer hard drive, and \$650 in cash. At Griswold Hall, an officer took a report of a stolen wallet. The reporting party stated they were informed the wallet was found in another location and that all items were intact except for \$150 in cash. A backpack containing a Dell laptop was stolen at Queen's Head Pub.

## Colonial clamor



Kris Snibbe/Harvard News Office

**On Commencement morning, Eliza Menninger, HMS '87 (from left), plays flute while Bryan Nash and Roy Kring beat out a drum roll before the services at the Memorial Church. More photos on pages 15-20.**

## Changes ahead for print, online Gazette

Back in February, we asked you to participate in a readership survey to gauge the Gazette's place in the Harvard community. We were overwhelmed by the response.

More than 2,500 people took the time to fill out the form, and 75 percent of you said that the Gazette was a valuable asset to the campus. Thank you.

Based on what we learned from the survey, we are laying plans to build upon this 103-year-old resource that helps knit the campus community together.

When you return in the fall, expect to see a more robust online version of the Gazette, which is already being developed under the direction of our new Digital Communications Director Perry Hewitt, on an updated platform that will enable us to present more multimedia content.

As we move more content online and develop new content for stories better told through new mediums, we will be making adjustments to ensure that the printed and online versions of the newspaper complement one another.

The printed product will become a bi-weekly publication with more in-depth stories, a new look, and new features focusing on scholarship, campus life, and the faculty and staff who make our University unique.

We also plan to unveil the first University-wide online events calendar next semester, a long overdue community resource that will help us capture and share the amazing array of happenings that occur throughout our community.

So enjoy your summer, and we'll see you in the fall with a new and improved Gazette!

**Christine Heenan**  
Vice President for Government,  
Community and Public Affairs

**Kevin Galvin**  
Director of News and  
Media Relations,  
Harvard News Office

## Deadlines for summer online Harvard Gazettes

This summer the Gazette will publish two online issues — on July 23 and Aug. 20. The deadline to get copy into the July 23 issue is July 16; the deadline for the Aug. 20 issue is Aug. 13. The first print issue of the academic year — in the Gazette's new, redesigned format — will come out on Sept. 3. The deadline for that issue is Aug. 24.

For the latest Harvard news, visit [www.harvard.edu](http://www.harvard.edu).



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Jon Chase/Harvard News Office

**Water expert John Briscoe arrived at Harvard in January as the Gordon McKay Professor of the Practice of Environmental Engineering, a joint appointment between SEAS and HSPH.**

## ‘Water guy’ John Briscoe stays in motion

*Brought to Harvard with joint appointment at SEAS, HSPH*

By Michael Patrick Rutter  
*SEAS Communications*

For someone who deep-sixed his BlackBerry (instant e-mail was taking over his life) and traded the local newspaper for a good book (“What do I need to know about Celtics’ scores?”), John Briscoe ’76 is as worldly a person as you are ever likely to meet.

An expert on water and economic development who most recently served as the World Bank’s senior water adviser and the country director for Brazil, Briscoe has lived in his native South Africa as well as Bangladesh, Mozambique, India, and Brazil.

Briscoe’s cultural comfort has been his guide amid what he calls the “changing economic geography” of the world. However painful and disorienting the current financial crisis, he insists that the true mover and shaker of the planet has never been the markets. It is instead the ebb and flow of the oceans.

“Water touches everything,” Briscoe explains. “It is about religion, culture, history, biology, government. It is everything.”

To make that point, the August 2008 Scientific American cover featured an image of the world as a sponge being wrung dry. The article’s author, Peter Rogers, Gordon McKay Professor of Environmental Engineering at Harvard’s School of Engineering and Applied Sciences (SEAS), concluded that if unchecked, “by midcentury as much as three-quarters of the Earth’s population could face scarcities of freshwater.”

Rich or poor, powerful or weak, water’s fate is our fate.

### From ‘the Bank’ to ‘the Big H’

Briscoe arrived in January as the Gordon McKay Professor of the Practice of Environmental Engineering, a joint appointment between SEAS and the Harvard School of Public Health (HSPH). Having loved his roles as the “water guy” and the “Brazil guy” at “the Bank,” he did not make

the change lightly.

His decision to come to Cambridge was influenced by the tug of ties both old and new. Two former deans, Venkatesh “Venky” Narayanamurti (of SEAS) and Barry Bloom (of HSPH), urged him to create a water program for the 21st century, highlighting how Harvard was embracing integrative, global-minded science and engineering.

Only half a term in, he has discovered the promised openness and enthusiasm of the research community. Colleagues have filled up his schedule, asking Briscoe to give talks on behalf of the South Asia and Middle East Initiatives, present a lecture during Latin American Week, and meet with a group of visiting Chinese executives.

“Harvard is one of the few places where you can do this — and I feel like an absolute fish in water,” Briscoe says. Moreover, he has not had to give up his international connections. “The big ‘H’ counts for a lot. Everyone wants to partner with Harvard.”

At the same time, Briscoe was pulled in by past history, remembering fondly the achievements of his faculty advisers. From the late 1950s to the early ’60s, Harold A. Thomas Jr. (1913-2002) guided what became the famed Harvard Water Program. In tandem, Roger Revelle (1909-91), the man who inspired Al Gore about an inconvenient truth, focused on the link between population and natural resources as he created the Center for Population Studies at Harvard.

Both thinkers answered a call by John F. Kennedy, who was intent on offering a nonmilitary incentive to then-Pakistani President Muhammad Ayub Khan. As Pakistan was facing an agricultural crisis due to waterlogging (saturation) and salinization, Kennedy offered academic expertise. Thomas and Revelle’s diagnosis — more, not less, irrigation by supplementing canal water with the extensive use of groundwater — changed the history of the country and the region.

“By doing good science, [offering] good policy, and engaging politicians, they left a mark that is still revered by Pakistanis today,” says Briscoe.

Likewise, his goal is to craft a program that brings together politicians with policies and science. “The science part standing alone, is interesting, important, and obviously necessary, but not sufficient,” he says. “At the same time, even the best

technocratic policies can be a bit blue-eyed and pie in the sky. Proposals will only work when they make political sense, too.”

Already, with no influence from Washington, 10 of the governors of Brazil’s 27 states — Briscoe knows them all — have said they are ready to work with Harvard on issues like sustainable development in the Amazon. On campus, students have pitched thesis topics, and policymakers have offered collaborations.

To best direct such enthusiasm, Briscoe advises those interested in the water development business to first overcome a common “moral hazard.” As many have never lived without water, “they come up with a whole set of prescriptions about an imagined solution that has nothing to do with people’s actual situation,” he says.

Put another way, water is deeply personal. “If you want to understand it in your heart, live in Mozambique or India or turn the taps or electricity off for a week.”

At Harvard, Briscoe’s vision is to create an environment where students, faculty, and politicians can come “in and out of the fray” and gain “a sense of what the battles are really about and find enough distance to see the science and what’s essential in it.”

He pictures a series of “horizontal partnerships” in which faculty and students pair with their peers in Brazil (to start) and then those within Australia and Pakistan. “The old model of ‘send your best and brightest to Harvard’ must,” says Briscoe, “be replaced by new types of partnerships that reflect the changed global economic geography.”

Part of his plan includes training a new generation of “integrators” — the kind of individuals a future world leader might call in a crunch. With a Harvard degree, he says, “you are equipped to be adventurous, and that’s a fantastic gift” — and essential, he has found, for tackling a moving target like the water problem.

Briscoe offers a sense of optimism rather than dire Malthusian predictions about a coming drought. That “water has no respite” inspires him. Even the pessimistic poet Philip Larkin saw beauty in the Earth’s most elusive element: “And I should raise in the east/A glass of water/Where any-angled light/Would congregate endlessly.”

# Harvard Board of Overseers election results

The president of the Harvard Alumni Association on June 4 announced the results of the annual election of new members of the Harvard Board of Overseers. The results were released at the annual meeting of the association following the University's 358th Commencement. The six newly elected Overseers follow:

**Photeine Anagnostopoulos** (New York, N.Y.), chief operating officer of the New York City public schools. She received her A.B. from Harvard College in 1981 and her M.B.A. from Harvard Business School in 1985.

**Joshua Boger** (Concord, Mass.), founder and former chief executive officer of Vertex Pharmaceuticals, a global biotechnology company based in Cambridge. He received his bachelor's degree from Wesleyan University, then his A.M. (1975) and a Ph.D. (1979) from Harvard.

**Morgan Chu** (Los Angeles), intellectual property expert with the law firm Irell & Manella. A 1976 graduate of Harvard Law School, Chu also holds degrees from Uni-

versity of California, Los Angeles (A.B., A.M., Ph.D.) and Yale (M.S.L.).

**Walter Clair** (Nashville, Tenn.), clinical director of cardiac electrophysiology at the Vanderbilt Heart and Vascular Institute and faculty member at Vanderbilt University Medical Center. A 1977 graduate of Harvard College, he also holds an M.D. (1981) and an M.P.H. (1985) from Harvard.

**Linda Greenhouse** (New Haven, Conn.), former Supreme Court correspondent for The New York Times, now Knight Distinguished Journalist-in-Residence and Joseph M. Goldstein Senior Fellow in Law at Yale Law School. Greenhouse graduated from Radcliffe College in 1968 and also holds an M.S.L. from Yale.

**Cristián Samper** (Washington, D.C.), director of the Smithsonian Institution's National Museum of Natural History. He received his bachelor of science degree from the Universidad de Los Andes in Bogotá, then did his graduate work (A.M. 1989, Ph.D. 1992) at Harvard.

Five new Overseers were elected for six-year terms. The sixth-place finisher, Joshua

Boger, will complete the three years remaining in the unexpired term of Arne Duncan, who stepped down from the Board of Overseers in light of his appointment as U.S. Secretary of Education.

In 2009, there were 10 candidates, eight nominated by a committee of the Harvard Alumni Association, as prescribed by the election rules, and two nominated by certificates from Harvard degree-holders. Degree holders cast 30,383 ballots in the election.

The primary function of the Board of Overseers is to encourage the University to maintain the highest attainable standards as a place of learning. Drawing on the diverse experience and expertise of its members, the Board exerts broad influence over the University's strategic directions, provides essential counsel to the University's leadership on priorities and plans, has the power of consent to certain actions such as the election of Corporation members, and directs the visitation process by which a broad array of Harvard Schools and departments are periodically reviewed.

## APPOINTMENT

### Berrizbeitia appointed professor of landscape architecture

Mohsen Mostafavi, dean of the Harvard Graduate School of Design (GSD) and Alexander and Victoria Wiley Professor of Design, announced the appointment of **Anita Berrizbeitia** as tenured professor of landscape architecture, starting in July.

Berrizbeitia is a landscape architect whose research focuses on design theories of modern and contemporary landscape architecture, the productive aspects of landscapes, and Latin American cities and landscapes. She was awarded the 2005-06 Prince Charitable



**Berrizbeitia**

Trusts Rome Prize Fellowship in Landscape Architecture. A native of Caracas, Venezuela, she studied architecture at the Universidad Simón Bolívar before receiving a B.A. from Wellesley College and an M.L.A. from the GSD.

Berrizbeitia has taught design theory and studio, most recently at the University of Pennsylvania School of Design, where she was associate chair of the Department of Landscape Architecture. Her studios investigate innovative approaches to the conceptualization of public space, especially on sites where urbanism, globalization, and local cultural conditions intersect. She also leads seminars that focus on significant transformations in landscape discourse over the past three decades. From 1987 to 1993, she practiced with Child Associates Inc., in Boston, where she collaborated on many award-winning projects.

She is co-author, with Linda Pollak, of "Inside/Outside: Between Architecture and Landscape" (Rockport, 1999), which won an American Society of Landscape Architects (ASLA) Merit Award; author of "Roberto Burle Marx in Caracas: Parque del Este, 1956-1961" (University of Pennsylvania Press, 2004), awarded the J.B. Jackson Book Prize in 2007 from the Foundation for Landscape Studies; and editor of "Michael Van Valkenburgh Associates: Reconstructing Urban Landscapes" (Yale University Press, 2009), which received an ASLA Honor Award. Her essays have been published in a number of books as well.

## IN BRIEF

### Mobile kiosk links Harvard arts events; inspires digital artists

Want to know what's new at the Sackler Museum or who's on the boards at the American Repertory Theater? Passersby will soon be able to access current cultural events at Harvard through the Mobile Information Unit, an innovative, cross-disciplinary research project designed and fabricated by Harvard Graduate School of Design (GSD) students. Led by Martin Bechthold and Allen Sayegh with support from Dan Schodek and Kostas Terzidis, the project also involved members of the Harvard Art Museum as well as other arts-related groups and initiatives at Harvard. In addition to disseminating information about arts events on campus, the kiosk is designed as a resource for digital artists who wish to explore their own work. As a result of a competition, the winning scheme proposed a large, interactive, fiber-optic display on the exterior, with more-targeted displays and touch screens on the interior of the mobile structure. The unit will be deployed around the University this summer. Meanwhile, fabrication and prototyping are ongoing in the GSD fabrication labs.

## Artist at work



Kris Snibbe/Harvard News Office

**Prior to Commencement, Harvard Graduate School of Design (GSD) student Jeffrey Laboskey wields a delicate hammer to work on an installation outside Gund Hall. In its finished form, the installation is part of an overall exhibit, which displays the vast range of ideas entertained and realized by the research and projects of the GSD graduating class. The exhibit runs through Aug. 3. Open weekdays from 9 a.m. to 5 p.m., it is located in the Gund Hall Lobby at the GSD.**

# Bhat and Holland named Fisher Prize winners

The Committee of the Howard T. Fisher Prize in Geographical Information Science (GIS) has announced that Harvard College senior Shubha Lakshmi Bhat and Alisha Holland, a Graduate School of Arts and Sciences Ph.D. candidate in the Department of Government, are the 2008-09 recipients of the Howard T. Fisher Prize in Geographical Information Science.

The Fisher Prize was established in 1999 by the GIS Users' Group to promote and reward the work of both undergraduate and graduate students in this broad and poten-

tially interdisciplinary area.

Bhat was awarded for her entry, "Element of Survival: Isolating the Causal Effect of Access to Iodized Salt on Child Health in India," which was prepared as part of her senior thesis in economics and health policy.

Holland was awarded for her entry, "The Electoral Battle After the War: A Spatial Analysis of Crime and Conservative Party Politics in El Salvador," prepared as part of a final project for her Government 1016 course.

Howard Taylor Fisher, a geographer and

mathematical cartographer, founded the Laboratory for Computer Graphics and Spatial Analysis (LCGSA) at the Harvard Graduate School of Design in 1965, where he developed the synographic mapping system. The initial endowment for the fund was provided by a generous contribution from Jack Dangermond, M.L.A. '69, president of Environmental Systems Research Institute Inc. (ESRI), the world leader company in GIS modeling and mapping software and technology. Funding is provided this year by the Center for Geographic Analysis.

# Six faculty named Walter Channing Cabot Fellows

*Chosen for accomplishments in literature, history, or art*

By Amy Lavoie and Emily T. Simon  
FAS Communications

Six professors in Harvard's Faculty of Arts and Sciences (FAS) have been named Walter Channing Cabot Fellows. The annual awards recognize tenured faculty members for distinguished accomplishments in the fields of literature, history, or art, broadly conceived.

The 2009 honorees are Peter Bol, Vincent Brown, Timothy Colton, Marjorie Garber, Ann Harrington, and John Stauffer.

"The Faculty of Arts and Sciences is delighted to recognize these eminent scholars, whose innovative research has forged new paths in their respective fields," said Michael D. Smith, dean of FAS. "We congratulate them for their outstanding accomplishments and commend them for their many contributions to the Harvard community, not only as scholars but also as teachers and mentors."

Cabot Fellowships honor broad scholarly achievements, but the selection committee also takes note of recent book publications. This year's awardees represent a prolific group. Their writings stretch across a range of subjects, from Russian politics to Civil War history.

Peter Bol, Charles H. Carswell Professor of East Asian Languages and Civilizations, is a historian of later imperial China. He chairs the China Biographical Database Project, an online database that contains biographical information on individuals who lived between the seventh and 14th centuries. The data is primarily used for statistical and spatial analysis. He also chairs the China Historical GIS, a geographic information system covering 2,000 years of China's history. Bol was honored with a Cabot Fellowship for "Neo-Confucianism in History" (Harvard University Press, 2008), a study of Neo-Confucianism in China during the Song, Yuan, and Ming dynasties.

Vincent Brown is the Dunwalke Associate Professor of American History. Brown studies the political implications of cultural practice within a broad sweep of American history, focusing especially on the history of slavery and the African diaspora. He has been awarded a Cabot Fellowship for his book "The Reaper's Garden: Death and Power in the World of Atlantic Slavery" (Harvard University Press, 2008), which has received the 2009 Merle Curti Award, the 2009 James A. Rawley Prize, and the 2008-09 Louis Gottschalk Prize. "The Reaper's Garden" is about the perception and role of death in cultural and political life in Jamaica, which was the hub of the British Empire in early America.

Timothy Colton is Morris and Anna Feldberg Professor of Government and Russian Studies and director of the Davis Center for Russian and Eurasian Studies. In his scholarly work, Colton explores Russian and post-Soviet government and politics. Colton was honored with a Cabot Fellowship for "Yeltsin: A Life" (Basic Books, 2008), a detailed and comprehensive biography of the controversial Russian leader who left office in 1999 and passed away in 2007. The book is the first to cover Yeltsin's complete life, including his early childhood when his family was victimized by the Stalin regime.

Marjorie Garber is William R. Kenan Jr. Professor of English and of Visual and Environmental Studies, chair of the Department of Visual and Environmental Studies, and director of the Carpenter Center for the Visual Arts. She is the author of 16 books on topics ranging from gender and sexuality to literary and cultural theory to animal studies.

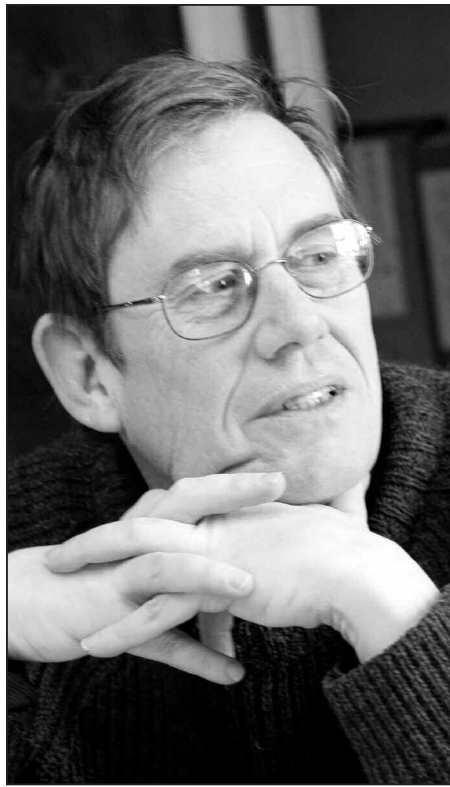
Her six books on Shakespeare include "Shakespeare After All" (Pantheon, 2004), 2005 winner of the Phi Beta Kappa Society's Christian Gauss Book Award, and most recently, "Shakespeare and Modern Culture" (Pantheon, 2008), for which she was honored with a Cabot Fellowship. The book discusses the reciprocal relationship between the playwright's work and modern culture.

Ann Harrington is professor of the history of science and chair of the Department of the History of Science. Her research addresses the history of psychiatry, neuroscience, and other mind and behavioral sciences. Harrington received a Cabot Fellowship for her book "The Cure Within: A History of Mind-Body Medicine" (W.W. Norton, 2008). The book looks at the historical emergence of six core stories — from "the power of positive thinking" to "healing ties" to "eastward journeys" — that collectively shape the way we think today about the role of the mind in illness and healing.

John Stauffer is professor of English and of African and African American studies, and chair of Harvard's Program in the History of American Civilization. Primarily a scholar of the Civil War, he also writes about social protest movements and visual culture. Stauffer has authored seven books. He is honored for "Giants: The Parallel Lives of Frederick Douglass and Abraham Lincoln" (Twelve, 2008), a study of the unlikely friendship between the two eminent statesmen. This month Stauffer will publish his eighth book, "The State of Jones" (Doubleday), which he co-authored with Sally Jenkins of the Washington Post.

The Walter Channing Cabot Fund was established in 1905 and given in memory of Walter Channing Cabot by his wife, Elizabeth Rogers Cabot, and children, Henry Bromfield Cabot, Ruth Cabot Paine, Elise Cabot Forbes, Walter Mason Cabot, and Mabel Cabot Sedgwick.

[amy\\_lavoie@harvard.edu](mailto:amy_lavoie@harvard.edu)



File Stephanie Mitchell/Harvard News Office

**Peter Bol is a historian of later imperial China who recently wrote 'Neo-Confucianism in History' (Harvard University Press, 2008).**



File Kris Snibbe/Harvard News Office

**Vincent Brown studies the political implications of cultural practice within a broad sweep of American history, focusing on the history of slavery.**



File Stephanie Mitchell/Harvard News Office

**Timothy Colton explores Russian and post-Soviet government and politics. He was honored with a Cabot Fellowship for 'Yeltsin: A Life' (Basic Books, 2008).**



File Stephanie Mitchell/Harvard News Office

**Marjorie Garber is the author of 16 books on topics ranging from gender and sexuality to literary and cultural theory to animal studies.**



File Kris Snibbe/Harvard News Office

**Ann Harrington's research addresses the history of psychiatry, neuroscience, and other mind and behavioral sciences.**



File Kris Snibbe/Harvard News Office

**John Stauffer is primarily a scholar of the Civil War. He also writes about social protest movements and visual culture.**

# Committee on African Studies awards 51 summer travel grants

Through its Africa Initiative, the Harvard Committee on African Studies has awarded 51 grants to Harvard students for travel to sub-Saharan Africa during the summer of 2009. The grants fund internships, language study, senior thesis research, master's thesis research, and doctoral dissertation research. Twenty-four undergraduates and 27 graduate students were awarded grants, the largest number of grants ever given by the committee. The grants are funded by the Office of the Provost; an endowment established by Jennifer Oppenheimer '89, J.D. '93; and a gift from the Flowers family.

The Committee on African Studies has awarded summer research grants since 1984. More information on the grants and recipients for past years is available on the committee's Web site at [www.fas.harvard.edu/~cafrica/grants.html](http://www.fas.harvard.edu/~cafrica/grants.html).

## African Studies 2009 undergraduate grant recipients

**Tobyn Aaron**, Quincy House, comparative study of religion, will work with Human Capital Foundation as a teaching fellow to AIDS orphans in Ethiopia.

**Tsion Aberra**, Mather House, human evolutionary biology, will teach English, math, and science at a K-12 school in Ethiopia.

**Hana Ali**, Mather House, human evolutionary biology, will work at a human rights nongovernmental organization supporting HIV/AIDS patients in Ethiopia.

**Jenne Ayers**, Mather House, government, will be a State Department intern at the U.S. Embassy in Kigali, Rwanda.

**Allison Brandt**, Dunster House, anthropology, will work with Partners In Health/Abwenzi Pa Za Umoyo, in Neno, Malawi.

**Charlotte Chuter**, Quincy House, organismic and evolutionary biology, will work for Support for International Change: HIV/AIDS Awareness Campaign, in Northern Tanzania.

**Laura Dean**, Dunster House, women, gender, and sexuality, will work for Support for International Change: HIV/AIDS Awareness Campaign, in Northern Tanzania.

**Sangu Delle**, Quincy House, African and African American studies, will research "The Value of Water Supply and Sanitation in Development: An Assessment of Agyementi, Ghana."

**Thomas Graziano**, Quincy House, social studies, will research "Memorials, Collective Memory and State Building in Post-Genocide Rwanda."

**Christopher Higgins**, Winthrop House, social studies, will work with New Hope Africa Children's Ministries, a grassroots, nongovernmental organization in Uganda.

**Rashmi Jasrajaria**, Kirkland House, social studies, will research "Deconstructing Women's Empowerment as It Relates to HIV Prevention in Northern Tanzania."

**Christopher Johnson-Roberson**, Winthrop House, music and history of literature, will undertake intensive Zulu language study at Summer Cooperative African Language Institute.

**Kathryn Leist**, Adams House, organismic and evolutionary biology, will work with a nongovernmental organization in Tanzania that promotes AIDS awareness in rural villages.

**Alina Mogilyanskaya**, Quincy House, history and literature, will work with Les Amis, in Senegal.

**Naseemah Mohamed**, social studies, will work at Standard Limited newspaper in Nairobi, Kenya.

**Anjali Motgi**, Currier House, social studies, will research "Community-based

AIDS Organizations in South Africa."

**Christina Newhouse**, Adams House, government, will intern with WorldTeach, teaching children in South Africa.

**Ayodeji Brian Ogunnaike**, Currier House, African and African American Studies, will research "Islamic Divination: The Interaction Between Traditional Yoruba Divination and Islam in Nigeria."

**Anna Shoemaker**, Currier House, social studies, will research "Alcohol and STI (sexually transmitted infection) Transmission in Ghana."

**Mackenzie Sigalos**, Dunster House, government, will intern with the Victoria Institute of Science, Technology and Innova-

Medical School (HMS) student: "Investigation of Program Practice Concerning Use and Distribution of Micronutrients in Multiple HIV/AIDS Care and Treatment Centers in Central Kenya."

**Emmanuel Bagenda**, a Harvard Law School (HLS) S.J.D. student: "Revisiting the Formal and Informal Spheres: Lessons from Uganda."

**Venise Battle**, a Harvard Divinity School (HDS) master's of theological studies student: "Mami Wata: Arts, Gender and Devotion in a West African Tradition."

**Jody Benjamin**, a GSAS doctoral student in African and African American Studies: Bamana language course in Ba-

Delay and Drug-Resistant TB African Miners in South Africa"

**Raquel Kennon**, a GSAS doctoral student in Literature and Comparative Literature: Yoruba language course in Nigeria.

**Sharon Kivenko**, a GSAS doctoral student in Anthropology: "Mobile Bodies: On the Transnationalization of Malian Dance and Music."

**Carla Martin**, a GSAS doctoral student in African and African American Studies: "Sounding Creole: The Politics of Cape Verdean Language, Music and Diaspora."

**Ian Mills**, a Harvard Kennedy School (HKS) master's student in Public Administration: "Assisting in the Promotion of De-

## View from the top



**Lin Cong (right)** — who just earned a dual bachelor's degree in physics and mathematics and a master's degree in physics — shows his mother, Li Naiyan, and father, Cong Zhiliang, the view from the Holyoke Center. To read about Cong and his family (and other 'faces of the future'), visit [www.news.harvard.edu/gazette/2009/06.04/profiles\\_index.html](http://www.news.harvard.edu/gazette/2009/06.04/profiles_index.html).

Jon Chase/Harvard News Office

tion as a technology pilot coordinator.

**Marguerite Thorpe**, Eliot House, social studies, will intern with Partners In Health in Neno, Malawi.

**Aurelia Tichoux**, Currier House, social studies, will intern with PRIDE Tanzania, working on microfinance.

**Audrey White**, Winthrop House, history, will research "An Exploration into the Evolution and Progression of Violence in British West Africa."

**Christina Zhou**, Leverett House, economics and psychology, will intern with WorldTeach, teaching children in Namibia.

## African Studies 2009 graduate student grant recipients

**David Amponsah**, a Harvard Graduate School of Arts and Sciences (GSAS) doctoral student in the Study of Religion: "Religious Markings: Colonialism, Missionization, and the Native Burden in Ghana, 1874-1957."

**Tobenna Anekwe**, a Harvard School of Public Health (HSPH) doctoral student in Population and International Health: "The Effect of Vaccination on Educational Attainment in Rural South Africa."

**Emmanuel Asiedu-Acquah**, a GSAS doctoral student in History: "Youth Culture and Popular Politics in Colonial and Post-colonial Ghana."

**Adefolakemi Babatunde**, a Harvard

mako, Mali.

**Stephanie Bosch**, a GSAS doctoral student in African and African American Studies: Bamana language course in Johannesburg.

**Bolanle Bukoye**, an HSPH master's student in Population and International Health: "Malaria Control Methods Among Pregnant Women and Children in Kwale, Kenya."

**Connie Chung**, a Harvard Graduate School of Education (HGSE) doctoral student: "Gender in Place and Relationship: The Relational and Spatial World of Street Girls in Zambia and Tanzania."

**Sarah Eltantawi**, a GSAS doctoral student in the Study of Religion: "Stoning Punishment in the Islamic Tradition and Its Application in Modern Nigeria."

**Michael J. Esdaile**, a GSAS doctoral student in History and Middle East Studies: "The End of Empire in the Aden Colony: The Role of Indigenous Social and Commercial Networks."

**Claire Grace**, a GSAS doctoral student in History of Art and Architecture: "South African Urbanity in Contemporary Art."

**Catharine Hale**, a GSAS doctoral student in History of Art and Architecture: "Asante Schools and Cross-Cultural Encounters in Ghana."

**Christine Jeon**, an HSPH master's student in Epidemiology: "Impact of Fluoroquinolone Antibiotics on TB Treatment

mocratic Governance in Botswana."

**Rugemeleza Nshala**, an HLS doctoral student: "The Extractive Industry in Africa: An Examination of Regulatory and Tax Laws Reforms of the 1990s in Tanzania and Zambia."

**Philip Osafo-Kwaako**, an HKS doctoral student in Public Policy: "Health Insurance, Child Health and Educational Outcomes in Western Nigeria."

**Devaka Premawardhana**, a GSAS doctoral student in the Study of Religion: "Transnational Pentecostalism: The Discourse of Spiritual Warfare in Brazilian Missions to Mozambique."

**Pamela Scorza**, an HSPH doctoral student: "Development of a Psychosocial Intervention for Adolescents in Rwanda."

**Chana Teeger**, a GSAS doctoral student in Sociology: "Selling Memory and Making Identity: Apartheid Commemorations in South Africa in a Global Age."

**Loic Watine**, an HKS master's student in Public Administration and International Development: "Randomized Controlled Trial on a Microfinance Program in Rural Togo."

**Brian Wood**, a GSAS doctoral student in Anthropology: "Poverty Reduction Through Community-based Forest Management in Babati, Tanzania."

**Shannon Wright**, an HDS master's of divinity: "Facilitating Church-based Restitution and Reconciliation in South Africa."



Photo by Stuart Cahill

Max Anderson, HBS/HKS '09, is a George Leadership Fellow and a key organizer of the 'MBA Oath.'

## Some HBS students adopt ethical code

By Patrick S. McKiernan  
and Loren Gary

HKS Center for Public Leadership

"True professions have codes of conduct," wrote Harvard Business School (HBS) professors Nitin Nohria and Rakesh Khurana in a 2008 Harvard Business Review article. At the end of Class Day exercises (June 3), approximately half of the 886 graduating HBS students took the professors' comments seriously enough to sign a managerial version of the Hippocratic oath, pledging to manage the companies they work for in a way that safeguards not just the interests of stakeholders, but of fellow employees, customers, and the larger society in which they function.

Max Anderson, a George Leadership Fellow who has just completed his final year in a joint-degree program at HBS and Harvard Kennedy School (HKS), spearheaded the effort to craft and build support for the "MBA Oath." When a colleague responded enthusiastically, Anderson began to research similar oaths already in use at other business schools such as Columbia and Thunderbird. He and 32 other graduating joint-degree and M.B.A. students worked together to create a pledge that "takes the best from these other oaths and adds our own flavor," Anderson said.

"Once the project was up and running, I spoke about it at the end-of-year dinner for the George Fellows," Anderson continued. "Seventeen of this year's George Fellows eventually signed on, and many of them played key roles in promoting support for the oath. Without question, our involvement in the joint-degree program with HKS and the George Fellowship gave this idea real momentum. I think we saw it as a natural extension of the cocurricular conversa-

tions we've had this year."

The George Leadership Fellows program, established through a foundation started by HBS professor and former chairman of Medtronic Bill George and his wife, Penny, annually selects 20 joint M.B.A.-M.P.P. students in the final year of their degree work. The George Fellows' monthly

the HBS oath are the pledges to represent the performance and risks of the business accurately and honestly and to hold oneself and one's colleagues mutually accountable for living by the oath. Interestingly, noted Brian Elliot, another George Fellow who has accepted a job at the social enterprise Endeavor, the oath makes no mention of any particular sector whatsoever. "Rather, people who take the oath are committing themselves to make ethical decisions in whichever sector they find themselves."

"M.B.A.s definitely need to rebrand themselves," said Anderson, citing recent polls documenting how far the public's trust in business managers has fallen. "But the oath is about more than changing perceptions. It's about changing behavior and changing the business culture from 'looking out for No. 1' to recognizing that we're all in this together."

Maura Sullivan, another George Fellow who was instrumental in garnering support for the oath — more than 750 M.B.A.s from Harvard and elsewhere have signed it — will begin working in PepsiCo's leadership development program this fall. "Pepsi is an \$80 billion company that affects the lives of numerous people and communities. Why shouldn't that responsibility be taken as seriously as the Hippocratic oath a doctor takes? Figuring out how far that responsibility goes or what specifically it entails is rarely a black-and-white issue. But business leaders need to let the public know that they're committed to managing those tensions to the best of their ability."

"It's not legally binding, but the symbolism of the oath is important," added Sullivan, a captain in the Marine Corps. "In the military, every time you're promoted, you take a new oath — in front of other people who will help hold you accountable."

### Harvard Business School's 'MBA Oath'

As a manager, my purpose is to serve the greater good by bringing people and resources together to create value that no single individual can build alone. Therefore I will seek a course that enhances the value my enterprise can create for society over the long term. I recognize my decisions can have far-reaching consequences that affect the well-being of individuals inside and outside my enterprise, today and in the future. As I reconcile the interests of different constituencies, I will face difficult choices.

Therefore, I promise:

**I will** act with utmost integrity and pursue my work in an ethical manner.

**I will** safeguard the interests of my shareholders, co-workers, customers, and the society in which we operate.

**I will** manage my enterprise in good faith, guarding against decisions and behavior that advance my own narrow ambitions but harm the enterprise and the societies it serves.

**I will** understand and uphold, both in letter and in spirit, the laws and contracts governing my own conduct and that of my enterprise.

**I will** take responsibility for my actions, and I will represent the performance and risks of my enterprise accurately and honestly.

**I will** develop both myself and other managers under my supervision so that the profession continues to grow and contribute to the well-being of society.

**I will** strive to create sustainable economic, social, and environmental prosperity worldwide.

**I will** be accountable to my peers and they will be accountable to me for living by this oath.

This oath I make freely, and upon my honor.

program, designed by the Kennedy School's Center for Public Leadership, includes discussions with senior executives from the public and private sectors about ethical leadership and multisector careers.

Among the specific promises included in

## Frans Spaepen named interim director of CNS

Frans Spaepen, director of the Rowland Institute, will serve as interim director of Harvard University's Center for Nanoscale Systems (CNS) starting July 1, upon completion of his term as interim dean of Harvard's School of Engineering and Applied Sciences (SEAS).

Spaepen, the John C. and Helen F. Franklin Professor in Applied Physics, will return to direct Harvard's Rowland Institute after helping to guide CNS through changes suggested in a recent report by an external review committee, launching CNS toward its next stage of development. In his role at CNS, Spaepen will work closely with both Jeremy Bloxham, dean of science in the Faculty of Arts and Sciences (FAS), and Cherry A. Murray, incoming dean of SEAS.

CNS, which for the past five years has been led by Charles Marcus, professor of physics and scientific director of the Center for Imaging and Mesoscale Structures, operates and maintains centralized scientific facilities for use by researchers at Harvard and beyond. CNS also provides training and assistance for the next generation of scientists. Development of new, advanced facilities for the imaging and fabrication of nanoscale structures is also a high priority for CNS.

## M-RCBG, HKS announce Dunlop awards

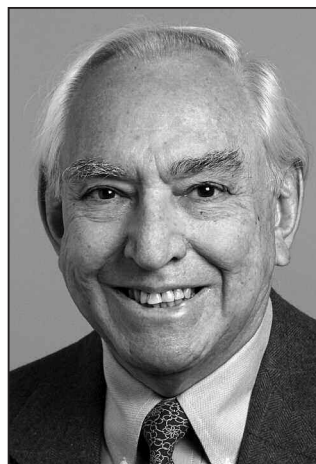
The Mossavar-Rahmani Center for Business and Government (M-RCBG) at the Harvard Kennedy School (HKS) has announced that Vivek Viswanathan and Anna Katherine Barnett-Hart are the 2009 recipients of The John T. Dunlop Thesis Prize in Business and Government, awarded to the graduating senior who writes the best thesis on a challenging public policy issue at the interface of business and government. The prize carries a \$500 award. Due to the extraordinary caliber of submissions, the Dunlop Prize committee presented the award to both Viswanathan and Barnett-Hart this year.

Viswanathan won for his thesis, "Crafting the Law of the Sea: Elliott Richardson and the Search for Order on the Oceans, 1977-1980," and Barnett-Hart's thesis was titled "The Story of the CDO Market Meltdown: An Empirical Analysis."

"Recent events have illuminated the crucial nature of the business-government relationship. From macroeconomic policy to health care, from the regulation of financial instruments to energy policy, from technological innovation to protecting private pensions, business and government influence one another around the world," said Roger Porter, the IBM Professor of Business and Government at HKS. "The John T. Dunlop Thesis Prize, named in honor of a giant in this field, allows us to encourage and recognize a new generation of young thinkers as they explore ways of understanding and improving this vital relationship."

## Faculty of Medicine — Memorial Minute

*As impressive as the actual research discoveries that Jack Mendelson made was the way that he accomplished them. ... Along with several generations of scientific colleagues and students, Jack brought innovation and scientific rigor to a study of the problems of substance use and dependence.*



Jack H. Mendelson

Jack H. Mendelson, M.D., Professor of Psychiatry (Neuroscience) at Harvard Medical School and Co-Director of the Alcohol and Drug Abuse Research Center at McLean Hospital died on August 15, 2007, after a brief illness; he was 77 years old. Jack devoted his research career to clinical, behavioral, and biological studies of alcoholism and drug abuse. He was a true titan of the field. After undergraduate training at the Johns Hopkins University, Jack received his medical degree from the University of Maryland, then did an internship at Boston City Hospital and a psychiatry residency at Massachusetts General Hospital. He was the first Chief of the National Center for Prevention and Control of Alcoholism at the National Institutes of Health, then Chief of Psychiatry at Boston City Hospital, Professor of Psychiatry at Harvard Medical School, and founder and co-director (with his colleague and beloved wife, Nancy Mello, Ph.D.) of the Alcohol and Drug Abuse Research Center at McLean Hospital. He made nearly 500 contributions to the scientific literature. In his case, quantity was matched by quality; he published papers in *Science*, *Nature*, and the *New England Journal of Medicine*, and won numerous awards, among them the Founders Award of the American Academy of Addiction Psychiatry, the Hofheimer Prize of the American Psychiatric Association, and, with Nancy Mello, the Jellinek Memorial Award for Research on Alcoholism, the Distinguished Research Award of the Research Society on Alcoholism, and the Nathan B. Eddy Memorial Award for Innovative Research on Drug Abuse from the College on Problems of Drug Dependence. The McLean Hospital has established an annual research award for excellence in behavioral and biological research on substance abuse in Jack's honor. The National Institute for Alcoholism and Alcohol Abuse of the NIH has established a memorial lectureship to honor Jack, which indicates the level of esteem in which he is held.

As a teacher, Jack was extremely skilled in making complex concepts understandable to students, trainees, and colleagues in psychiatry and other medical specialties. In so doing, he not only broadened their perspective on the clinical and scientific complexity of substance use disorders, but also placed these disorders firmly within the scope of work of all practicing physicians. For postdoctoral students and young physicians with a more enduring interest in alcohol and drug abuse research, Jack was an enthusiastic mentor, generously sharing data, giving them an opportunity to write up their findings, reviewing their work with a critical scientific eye, and encouraging their ef-

forts with unflagging optimism. Many went on to successful academic careers of their own, fortified by the solid grounding in research methodology and the untiring support they received as fellows and junior faculty members in the laboratories that, for almost four decades, have remained on the cutting edge of research in this field.

To appreciate the impact of Jack's work on the field of addiction research, it is useful to consider how alcoholism and addiction were viewed before Jack conducted his landmark studies. For example, alcoholism was grouped in the diagnostic nomenclature with personality disorders, and was seen as a symptom of some underlying deep-seated psychological problem rather than a disease in its own right. Jack's critical research, in which he observed alcoholics in the act of drinking, began to change all of that. He demonstrated through rigorous human laboratory studies that alcoholic drinking caused dysphoria and other psychiatric symptoms, and was not merely a result of other problems. He clearly demonstrated the degree of suffering that alcoholics experience, and sensitized the field to appreciate that. This led to the beginning of more integration of alcoholism and its treatment into mainstream medicine, as well as a more empathic rather than judgmental view of individuals with alcohol dependence.

Jack had a similar view of opioid dependence, and was involved in some of the groundbreaking work on the partial opioid agonist buprenorphine, demonstrating its potential therapeutic value in the treatment of heroin addiction. Twenty years later, buprenorphine was approved by the FDA for the treatment of opioid dependence, representing the first time that opioid agonist treatment could be prescribed by physicians as part of general medical practice. Jack was also involved in the early studies of the opioid antagonist naltrexone, which is an effective treatment both in the treatment of opioid dependence and alcohol dependence. These are just a few of the highlights of Jack's research career.

As impressive as the actual research discoveries that Jack Mendelson made was the way that he accomplished them. Jack realized that a multiplicity of factors influenced the development, clinical course, and response to treatment of substance abuse and dependence. He also recognized that greater scientific understanding was and still is an essential precursor to eradicating the stigma associated with these disorders and for developing effective, evidence-based treatment approaches. Along with several generations of scientific colleagues and students, Jack brought innovation and scientific rigor to a study of the prob-

lems of substance use and dependence. His work shed light on the complex interplay between brain mechanisms and behavior in the development of these clinically complex problems. He and Nancy were among the first to explore the role of neuroendocrine factors in the development of substance dependence. Key to his success was an appreciation of the need to approach this complex set of disorders from a variety of perspectives, and he encouraged innovative scientists in a variety of fields to join his efforts. Thus, the Alcohol and Drug Abuse Research Center has over the years included psychiatrists, psychologists, sociologists, anthropologists, pharmacologists, chemists, biochemists, radiologists, obstetricians, and endocrinologists. By including scientists from a wide variety of theoretical perspectives, Jack was able to achieve exciting discoveries and help elucidate the nature of this group of disorders.

It is common, when describing someone who has passed on, to say that he loved life. But Jack Mendelson really loved life, and it showed. His devotion to Nancy, his children, and grandchildren, was obvious, and he loved to have fun. He traveled frequently, often to exotic locations. He loved giving hotel and restaurant recommendations, and he was never wrong about these. He was an avid photographer, gardener, and cook. Jack enjoyed entertaining his staff at his and Nancy's home in Rockport. They even provided buckets and shovels for the young children who would come to their annual summer parties – a very thoughtful touch.

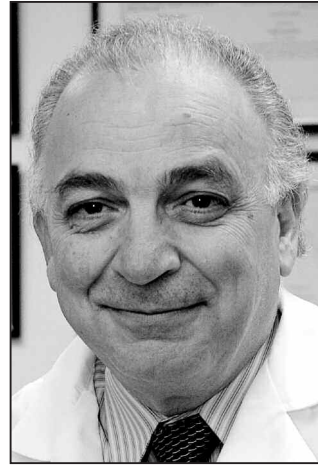
No tribute to Jack, however, would be complete without mentioning his jokes. Jack had an endless store of wonderful stories and an even larger collection of jokes. Many of his jokes were brilliant, and many were, as he would admit, awful, usually based on bad puns that would elicit simultaneous groans and laughter. But the pleasure was less about the jokes than about the joke-telling, and Jack appeared to enjoy telling the bad jokes as much (or more) than the good ones. There was a rhythm to the joke-telling; as the punch line approached, he would often lean forward a bit and speak a little more softly, as if the listeners were about to be let in on an important secret. Then the punchline was delivered with a twinkle in his eye. That was classic Jack Mendelson. He was indeed both a titan and a mensch. We will miss him.

Submitted by  
Roger Weiss, M.D., Chair  
Bruce Cohen, M.D., Ph.D.  
Shelly Greenfield, M.D., M.P.H.  
Roger Meyer, M.D.  
Steven Mirin, M.D.



## Faculty of Medicine — Memorial Minute

*Dr. Khuri was a master clinician, an inspiring teacher and mentor, a competent administrator and a prolific researcher and innovator. He was the consummate surgeon-scientist. The scope of his research interests was limitless, and his ability to attract very competent professionals from other disciplines to work harmoniously with him was exemplary.*



Shukri F. Khuri

Dr. Shukri F. Khuri passed away peacefully at the age of 65, surrounded by family and friends, on September 26, 2008, at his Westwood home, after courageously battling brain cancer for more than eighteen months. A gifted and spirited surgeon and researcher, his absolute love for life enabled him to achieve remarkable professional success and effectively pursue his passions for family, friends and various interests.

Born in Jerusalem, Dr. Khuri fled with his parents to Syria and then to Beirut, Lebanon. He later attended the American University of Beirut (AUB), graduating with distinction from college and medical school. In addition to excelling academically, he had a passion for the arts and was a producer of student musicals. The theatre is where he met Randa Domian, who later became his wife, lifelong supporter and best friend.

He completed his surgical residency at the AUB hospital in Beirut, training in research at Johns Hopkins Hospital, and cardiac surgery at the Mayo Clinic. He was recruited in 1976 to the West Roxbury Veteran's Administration (VA) surgical service, where he soon expanded the surgical research laboratory and became a major contributor in the field of cardiac surgery. Two years later, he ascended to the role of chief of cardiac surgery, and in 1984, became chief of surgery for the next twenty years. Under his leadership the cardiac surgery program became the largest in the VA system and the first program in any specialty to be designated a program of excellence by the Department of Veterans Affairs.

The affiliation of the West Roxbury VA and Harvard University was one of the first of its kind between a university and a VA hospital. This affiliation strengthened over the years, and when Shukri became chief of surgery, Dr. John Mannick, then chairman of surgery at the Brigham and Women's hospital, appointed him vice-chairman of the department, a position he maintained under the tenure of Dr. Michael Zinner. In 1987 Shukri rose to the rank of Professor of surgery at HMS.

Dr. Khuri was a master clinician, an inspiring teacher and mentor, a competent administrator and a prolific researcher and innovator. He was the consummate surgeon-scientist. The scope of his research interests was limitless, and his ability to attract very competent professionals from other disciplines to work harmoniously with him was exemplary.

With Dr. Bob Kloner, then a cardiology fellow assigned by Dr. Eugene Braunwald to work in Shukri's laboratory, he developed the pH meter and showed that it could be used to monitor a reduction in pH as the first marker of myocardial ischemia. With Dr. Robert Valeri of the Naval Research Laboratory, he identified platelet dysfunction during cardiopulmonary bypass. With Dr. Joanne Ingwall at Harvard and Dr. Leo Nuringer at MIT, using nuclear magnetic spectroscopy, he studied changes in high-energy phosphates during myocardial ischemia. With his colleagues in the surgical research laboratory and Helmut Thatté PhD, he developed the GALA solution to preserve the endothelium of the saphenous vein before its use in coronary bypass, and the LAZARUS solution to resuscitate and preserve the donor heart before transplantation.

Dr. Khuri was a major contributor to the surgical package in DHCP (Decentralized Hospital Computer Program) which is now the most comprehensive electronic medical records system in the world. He also installed the first automated data management system in a surgical intensive care unit in the VA and in New England.

Shukri's crowning achievement came in 1994. Under his guidance as co-founder and chair, and with a large multidisciplinary team of collaborators including Dr. Jennifer Daly, now at Partners Health Care, the landmark NSQIP (National Surgical Quality Improvement Project) became a reality within the VA. This project was

the first validated, outcome-based, risk adjusted, and peer controlled program for the measurement and improvement of the quality of surgical care. The NSQIP was adopted by the American College of Surgeons in 2001, and has now extended to over 215 hospitals in the private sector. Since its inception the 30-day postoperative mortality and morbidity within the VA have dropped by 47% and 43% respectively.

Shukri also had a loving family and a beautiful home. With Randa, his two daughters and son, they regularly hosted delicious dinners and social events for friends, colleagues, neighbors and guests. He was senior warden in his church, and with Randa, created a chapel devoted to peace in the Holy Land. He worked closely with his alma mater and served as president of the New England AUB Alumni Association. He worked ardently with many local groups to create and sustain dialogue between Israelis, Palestinians, and Jewish and Arab Americans to promote peace and justice throughout the world and especially in the Middle East.

He published over 380 peer reviewed articles, was a reviewer for several scientific journals, and served on the editorial board of the Journal of Thoracic and Cardiovascular Surgery. He belonged to many professional organizations and served as president for three years of the Massachusetts Affiliate of the American Heart Association, and as vice-president of the American Surgical Association in 2005-2006.

He was the recipient of numerous prestigious honors and awards, all richly deserved, including the Paul Dudley White award of the American Heart Association, the 1998 Frank Brown Berry Prize, honoring an outstanding physician in the federal healthcare system, and posthumously, the Joint Commission's Ernest Amory Codman Award for outstanding contributions by an individual in performance measurement.

Dr. Khuri's scope of interests and activities was no less remarkable than his research. He was at ease discussing history, politics, philosophy, religion, music, theatre, arts, movies, and sports—truly a man for all seasons.

His courage, optimism, love of life and love of his work were vividly on display during his difficult battle with his illness. Even during radiation and chemotherapy treatments, he obsessed over his work, his plans for tomorrow and his next research project, while keeping his good humor, cheering his family and enjoying the music he loved. He was truly a profile in courage.

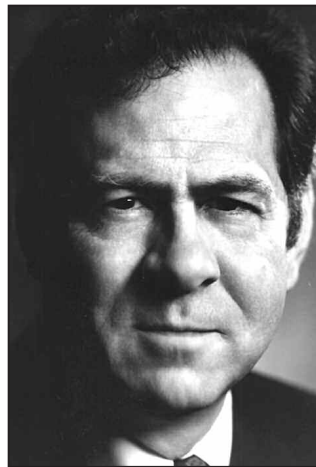
He was a humble man who, inspired by his deep Christian faith, was always kind and considerate with his colleagues and subordinates, yet relentless in his pursuit of excellence, be it in photography, carpentry, or peace and justice for all his fellow human beings. His love for the beauty of life was infectious, and he was simply a wonderful person to be around. He was a brilliant researcher, yet a role model husband, father, grandfather, and mentor to over sixty residents and fellows. He cherished his work, but, more so, family and friendships as his extended loving family, and his many loyal friends and admirers will attest.

Dr. Khuri's initiatives and achievements improved the surgical service, the Boston VA medical center, the Department of Veterans Affairs, and American surgery. For all of his contributions and for Shukri the man, the memory of his work and his life will remain indelible.

Dr. John Mannick  
Dr. Michael Zinner  
Dr. Joseph Loscalzo  
Dr. Kamal Itani  
Dr. Ernest Barsamian, Chairperson

## Faculty of Arts and Sciences — Memorial Minute

*He was a major force in the world of new music for many years, a devoted teacher and colleague, and a wholly committed composer. ... His music stands, and will stand, for a very long time as among the most expressive and memorable of our time, and not only by American composers.*



Donald James Martino

*At a Meeting of the Faculty of Arts and Sciences October 21, 2008, the following Minute was placed upon the records.*

Donald Martino was one of the leading American composers of the twentieth century. Born in Plainfield, New Jersey, he began lessons on the clarinet and other wind instruments at the age of nine, and he remained a clarinetist all his life, even as he grew to be a many-sided musician, teacher, and, above all, composer of significant instrumental and vocal works. After attending Syracuse University, he did his graduate work at Princeton in the 1950s, where he studied with Roger Sessions and Milton Babbitt. Thereafter he taught at Princeton, Yale, the New England Conservatory of Music (where he was chairman of the Composition Department from 1969 to 1980), Brandeis University, and finally at Harvard, where he was the Walter Bigelow Rosen Professor of Music from 1983 until his retirement ten years later. He was active as a guest lecturer, and was Composer-in-Residence at Tanglewood, the Composers Conference, the Yale Summer School of Music, the Pontino Festival in Italy, the Atlantic Center for the Arts, the Ernest Bloch Festival, and the Festival Internacional de Música de Morelia, Mexico. His many commissions came from, among others, the Paderewski Fund; the Fromm, Naumburg, Koussevitzky, and Coolidge Foundations; and from the Chicago, Boston and San Francisco Symphonies, along with other performing organizations.

In Florence, where he lived from 1954 to 1956 on a Fulbright scholarship, Martino studied with the eminent Italian composer Luigi Dallapiccola, and the blend of lyricism and rigor that Dallapiccola instilled into his own music may have formed a partial model for the direction of Martino's mature works, which blend these features in a musical language of high originality and expressivity. In an interview for his sixtieth birthday, Martino offered the view that, in utilizing the full resources of the chromatic scale, in his own highly personal adaptation of the so-called "twelve-tone system," he wanted to write music that "would sing and think, too." Despite frequent misunderstandings by critics and others of where he stood as a composer, he asked that if future listeners "look and listen to my music, they will judge that it's really pretty old-fashioned and traditional stuff... I used to bridle at that realization but I've come to view it tenderly of late. When I listen to a Brahms Intermezzo or his C Minor Piano Quartet I don't analyze it, I sit and weep. That's what I'd like my audience to do..."

Having established a significant profile through works such as *Pianississimo* and his piano masterpiece *Fantasies and Impromptus*, the *Concerto for Alto Saxophone and Orchestra*, *Paradiso Choruses* and the *Concerto for Piano and Orchestra*, Martino composed *Notturmo* for an ensemble of six players for which he was awarded the 1974 Pulitzer Prize. One critic described the work as "nocturnal theater of the soul" and Martino expressed his pleasure "with that poetic description."

Martino's musical appetite was voracious and democratic. In his early teens, he studied with the local bandmaster, an Italian immigrant, who awakened his love for Italian opera and bequeathed to the composer a large collection of Italian opera transcriptions

from the late nineteenth century. Many decades later, these transcriptions fired Martino's imagination and he made his own arrangements of them, whose objective, in Martino's words, "has not been to stubbornly confirm the authenticity of the music as much as it has been to recreate the authenticity of my youthful experience." Jazz also ran in his veins. One of his Plainfield, New Jersey, acquaintances was the great jazz pianist/composer Bill Evans; they occasionally played music together in the early 1950s. Recently-heard recordings of the fourteen-year-old Martino playing jazz clarinet caused his lifelong friend Gunther Schuller to remark "at fourteen he played better than Artie Shaw and I speak with authority."

The list of Martino's students is long, and includes many of the most prominent names in American composition today. His teaching encompassed not only profound insights into the music of Schoenberg, Berg, Beethoven, and Brahms, but also a single-minded insistence on the same high levels of musical craftsmanship that he observed in his own composition. This craftsmanship had to start at the most basic level of harmony and instrumentation; one of the pedagogical tools he developed for his own students, a comparative edition of 178 chorale harmonizations by J. S. Bach, is still used by many today, as is his "Stringograph," which he invented to help non-string players compose for the violin, viola, and cello.

Dissatisfied with the publishing world for new music, Martino, together with his wife, Lora, founded his own company, Dantalian, Inc., to produce, promote, and distribute his music. By the way, "Dantalian" has nothing to do with the words "Dante" or "Italian," but refers to a medieval talisman that Martino came across in the 1960s. He was a major force in the world of new music for many years, a devoted teacher and colleague, and a wholly committed composer. His music is not easy listening because he would not give in to facile productivity, but rather reflects his need to go to deeper levels and to write music that was strong enough to last. His music stands, and will stand, for a very long time as among the most expressive and memorable of our time, and not only by American composers.

Martino was a member of the American Academy of Arts and Letters and a fellow of the American Academy of Arts and Sciences. His many awards include two Fulbright scholarships; three Guggenheim awards; grants from the Massachusetts Arts Council, the National Institute of Arts and Letters, and the National Endowment for the Arts; the Brandeis Creative Arts Citation in Music; First Prize in the 1985 Kennedy Center Friedheim Competition for his String Quartet (1983), and most recently, the Boston Symphony's Mark M. Horblit Award. He died of cardiac arrest following an attack of hyperglycemia off the coast of Antigua while on a Caribbean cruise, and is survived by his wife, Lora Martino; a daughter, Anna Maria, of Branford, Connecticut; and a son, Christopher, of Boston.

Respectfully submitted,

Lewis Lockwood  
John Stewart  
Anne C. Shreffler, Chair

## Faculty of Medicine — Memorial Minute

*He was a deeply spiritual man, knowledgeable in his Jewish faith as well as other faiths, for which he had profound respect. He incorporated this into his approach to medicine and, through the example of his own gentle manner and everyday humility, he taught residents how to communicate with patients and their families in the most trying of circumstances.*



I. (Israel) David Todres

**I.** (Israel) David Todres, Professor of Paediatrics (Anaesthesia) at Harvard Medical School, died at his home of lymphoma on September 26, 2008. He was 73.

Born in South Africa where his parents immigrated from Lithuania, David obtained his undergraduate and medical school education at the University of Cape Town. As a medical student in the late 1950's, he worked with a pioneering pediatrician and anesthesiologist who were treating neonatal tetanus in babies with tracheostomy and curare, which was one of the first successful uses of mechanical ventilation in a series of neonates. After his postgraduate training, largely in pediatrics, he spent several years in England in anesthesiology, first at the Radcliffe Infirmary in Oxford including in its adult intensive care unit and then at the Hospital for Sick Children in London. After briefly returning to Cape Town to serve as a Consultant in Pediatrics and Anesthesia, he moved to Montefiore Hospital in New York City in 1969 and became the Director of both pediatric anesthesia and the medical-surgical intensive care unit and an Associate Professor of Anesthesiology at the Albert Einstein College of Medicine of Yeshiva University.

In 1971 he relocated to Boston to become one of the co-founders of the neonatal and pediatric intensive care units at the Massachusetts General Hospital (MGH). It was a daring thing to do since the MGH at that time had no obstetrical service and only a small pediatric service. The impetus was that the MGH Department of Anesthesia had a few years earlier established the first respiratory care unit in the country, helping demonstrate the enormous benefit of intensive care for adults. It certainly seemed appropriate to extend this concept to infants and children, and David helped develop at the MGH one of the early and premier intensive care units for children in the world. He was deeply involved in all aspects of patient care and was widely known as a master clinician and teacher. In recognition, he soon was appointed the units' Director and served in that role for the next twenty years.

David developed a special interest and expertise in bioethics because of the complex problems that were becoming apparent as increasing technologic innovations were used to treat younger, smaller and sicker children who were surviving illnesses that had previously been fatal. Calm under all circumstances, his wise and reasoned approach to sick patients went well beyond invasive catheters, laboratory values, and drug lists and always addressed the cultural values of the family. He was a deeply spiritual man, knowledgeable in his Jewish faith as well as other faiths, for which he had profound respect. He incorporated this into his approach to medicine and, through the example of his own gentle manner and everyday humility, he taught residents how to communicate with patients and their families in the most trying of circumstances. Rather than focus on the negative, David approached life with unending optimism whether dealing with critically ill children or his own, ultimately fatal, illness which included multiple rounds of chemotherapy, radiation and a stem cell transplant. He established a pediatric-oriented bioethics program at the MGH

and was an active participant in the bioethics program at Harvard Medical School. Until the time of his death, he served as the Chief of the Ethics Unit of the Massachusetts General Hospital for Children.

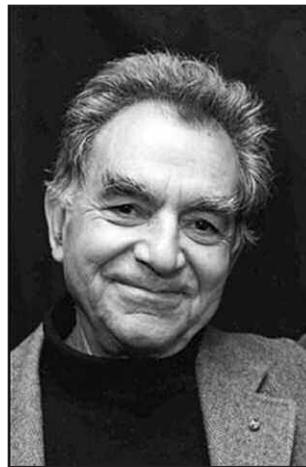
David was board-certified in pediatrics, neonatology, anesthesiology, and critical care medicine and was a Fellow of the Faculty of Anaesthetists of the Royal College of Physicians and Surgeons of England. He was the author of more than 150 original reports and review articles. In addition, he was one of the co-authors of the book "A Practice of Anesthesia for Infants and Children" now in its 4<sup>th</sup> edition and another, "Critical Care of Infants and Children". In the later stages of his career he devoted increasing time to the Program in Medical Education at Harvard Medical School where he directed the Steering Committee for the Comprehensive Examination (OSCE) for fourth-year medical students. He served on numerous national committees including the Task Force of the American Heart Association for Advanced Pediatric Life Support and the Committee on Bioethics of the Society of Critical Care Medicine. He received widespread recognition in the form of many prestigious awards, including the first Distinguished Career Award from the Critical Care Section of the American Academy of Pediatrics and the Grenvik Family Award for Ethics in Critical Care Medicine as well as the Presidential Citation from the Society of Critical Care Medicine.

Finally, David was well versed in classic literature and loved the arts whether visiting museums or dabbling in painting and sculpture. His relationships with trainees at all levels revealed his unusual warmth, from resident interviews, to clinical rounds, to the book group he established to explore medicine, art and culture. His lectures were replete with deep knowledge and delivered with so much enthusiasm it was impossible not to get interested in the topic. With his incomparable South African accent, shock of curly gray hair, and wonderful smile, he made an indelible impression on all who had the great pleasure of getting to know this most kind and gentle man. He is survived by his wife of nearly twenty years, Judith Sharlin, and their son Hillel, of Waban, MA; three children from a prior marriage (Jonathan of Atlanta, GA, Nadia of Readsboro, VT and Rachelle and her son, John Jeremiah of Malden, MA), and his brother, Hymie of Perth, Australia. A memorial lectureship in pediatric medical ethics has been established at the MGH in his honor.

Mark Rockoff, M.D. (Chair)  
 Ronald Arky, M.D.  
 John Downes, M.D.  
 Michael Epstein, M.D.  
 Edward Lowenstein, M.D.  
 Jonathan Todres, J.D.  
 Robert Truog, M.D.

## Faculty of Arts and Sciences — Memorial Minute

*His artistic life was one of unceasing invention and productivity, enriched by friendships with his most eminent artistic contemporaries. He was an artist of enormous ambition and achievement, and together with his forebears, will be remembered in the bronze and stone he shaped for the ages.*



Dimitri Hadzi

*At a Meeting of the Faculty of Arts and Sciences February 10, 2009, the following Minute was placed upon the records.*

All of us here know at least one sculpture by Dimitri Hadzi—if not the towering *Thermopylae* at Government Center plaza, then *Omphalos* in Harvard Square. For Dimitri the Greek titles weren't unusual. He was from a recently immigrated Greek-American family and took pleasure in saying "I'm a Greek and Greeks have to carve." And carve he did, as well as cast—scores of major works, ranging in scale from the monumental to the miniature, many in public places, many in private collections and museums.

Dimitri Hadzi was born in 1921 in New York City. As a child he was sent to a Greek after-school program, where he received instruction in Greek language, mythology, history, and theater. His artistic ability won him a drawing prize and his strength in math and science gained him admission to Brooklyn Technical High School. Upon graduating he worked as a chemist by day while continuing to study chemistry by night. On July 4, 1942, he enlisted in the Army Air Force and served in the South Pacific, where an officer encouraged his efforts at drawing. After the war, he returned to New York, decided to turn away from chemistry, and became a student of painting and sculpture at Cooper Union. At the age of 29, a Fulbright Scholarship took him to Athens where he studied the history of Greco-Roman sculpture while learning the technical demands of carving in stone. The GI Bill subsequently allowed him to continue his studies in Rome, where he set up his first studio. While there he married the art historian and archeologist Martha Leeb and had two children, Cristina and Stephen.

Within a few short years Dimitri's work in bronze was shown at the Museum of Modern Art. Along with Louise Nevelson he represented the U.S. in sculpture at the 1962 Venice Biennale. A flood of commissions and exhibitions followed, including one-man shows in New York and Rome. The Whitney, Guggenheim, Hirshhorn, and Cleveland museums purchased his work. Princeton, MIT, and Yale acquired and installed major pieces, Lincoln Center commissioned *K458 The Hunt*, and the Sun Life Insurance Company in Baltimore commissioned *Helios*, a suspended piece in bronze. In 1968 a retrospective was mounted at Temple University of Dimitri's fifteen years in Rome. More gallery shows ensued, as did a residency at Dartmouth, the completion of *Arcturus*, a 25-foot bronze for the plaza of the Reserve Bank in Minneapolis, and *Willamette River Oracle* in Eugene, Oregon, Dimitri's first monumental work in stone.

In 1975 Dimitri left Rome to come to Harvard, soon becoming our first tenured professor in the studio arts. As a teacher, he laid out a demanding curriculum in both sculpture and printmaking, emphasizing drawing and modeling from the figure, always encouraging his students to follow their own paths of aesthetic discovery. He occupied the fifth-floor studio of the Carpenter Center, which Corbusier had designed for our senior artist, filling it,

as well as his East Cambridge studio, with projects in all stages of exploration and completion. Following his divorce, a friendship blossomed with the charming and urbane Assistant for Exhibitions at the Carpenter Center, Cynthia von Thuna, and in June 1985, the two were married.

In both of Dimitri's studios he worked in stone and wood, he modeled, he cast works in bronze, he etched, he drew. His teaching seemed to spur his own achievements. He created the large-scale *River Legend* for the Federal Office Building in Portland, *Bishop's Triad* for One Dallas Center, and *Propylaea*, a huge granite fountain in Toledo. In 1983 he was elected to the American Academy of Arts and Letters, and shortly after, completed the heroic sculptures in Harvard Square and Copley Place and others for Appleton, Wisconsin and Carleton College. This work, as with everything he created, was marked by a meticulous craftsmanship, a mastery of materials that drew on his knowledge of chemistry and his later studies of geology, and a sensitivity to the subtleties of color rooted in his early work as a painter.

Retirement from teaching in 1989 did nothing to diminish Dimitri's productivity. He created major pieces for San Francisco and Birmingham, Alabama, mounted one-man shows in New York, Tokyo, Houston, Los Angeles, and Chicago, and collaborated with his friend Seamus Heaney on an illustrated book of poems, *Keeping Going*. In the winter of 2006 the Kouros Gallery in New York organized an exhibition entitled *Dimitri Hadzi at 85*, but Dimitri was too ill to attend. He died shortly afterward on April 16, 2006.

Dimitri was a thoroughgoing modernist. At the same, the entire history of western sculpture from Praxiteles to David Smith informed his work. As with the best of his contemporaries, his sculptures evoked the past while insistently probing its connection to the present. A sustained dialogue between figuration and abstraction energized them. His forceful yet sophisticated three-dimensional compositions were born from an intuitive understanding of effects that can be called forth by the interaction in space of forms, colors, and textures.

Dimitri chose Rome, with its myriad connections to antiquity, as the place to form himself and explore his identity as an artist. When, in the "eternal city," he created bronze doors for its Anglican church, he across the centuries joined the venerable guild of artists who, like Lorenzo Ghiberti in Florence, strove to give dignity to the place of entry into a sanctuary. His artistic life was one of unceasing invention and productivity, enriched by friendships with his most eminent artistic contemporaries. He was an artist of enormous ambition and achievement, and together with his forebears, will be remembered in the bronze and stone he shaped for the ages.

Respectfully submitted,

Christopher Killip  
Eduard Sekler  
Alfred Guzzetti, Chair

# Chu calls for global warming action; Faust stresses search for truth



Rose Lincoln/Harvard News Office

**U.S. Energy Secretary Steven Chu gets a little help with his mortarboard from Stephanie Gumble, who works in Massachusetts Hall.**

**By Alvin Powell**  
*Harvard News Office*

U.S. Energy Secretary Steven Chu expressed optimism last Thursday (June 4) that the world will avoid catastrophic climate change, saying the crisis presents an opportunity to bring about a sustainable energy future.

“If there ever was a time to help steer America and the world towards a path of sustainable energy, now is the time,” Chu said. “The task ahead is daunting, but we can and will succeed.”

Chu delivered his remarks as the speaker at Harvard’s 358th Commencement, held outdoors in Harvard Yard’s Tercentenary Theatre. As is tra-

ditional, Chu spoke at the annual meeting of the Harvard Alumni Association during Commencement Day’s Afternoon Exercises. In his speech, Chu called on Harvard’s latest graduates to help fight climate change by inventing new technology, designing better government policies, and making businesses environmentally sustainable.

“The Obama administration is laying a new foundation for a prosperous and sustainable energy future, but we don’t have all the answers. And that’s where you come in. I am asking you to join this effort,” Chu said. “As our future intellectual leaders, take the time to learn more about what’s at stake, and then act on that knowledge. As future

scientists and engineers, I ask you to give us better technology solutions. As future economists and political scientists, I ask you to create better policy options. As future business leaders, I ask that you make sustainability an integral part of your business.”

Chu was one of several speakers who took the podium Thursday, a day filled with speeches, music, and tradition dating back hundreds of years. The University granted 6,777 degrees and 81 certificates, swelling the ranks of the Harvard Alumni Association, which has more than 300,000 members worldwide.

The morning’s exercises included  
*(See Chu, next page)*



Katherine C. Cohen/Harvard News Office

**Former Supreme Court Justice Sandra Day O’Connor is this year’s winner of the Radcliffe Medal.**

## O’Connor marks women’s progress in legal profession

*But warns in Radcliffe talk of ‘Victorian echoes’*

**By Corydon Ireland**  
*Harvard News Office*

Sandra Day O’Connor, the first female justice of the U.S. Supreme Court, turns 80 years old next year.

But even in her lifetime, she told a Harvard audience last week (June 5), there has been a “revolution” regarding the issue of women as practitioners of American law.

O’Connor — chipper, funny, and precise — spoke at a luncheon sponsored annually by the Radcliffe Institute for Advanced Study, which awarded the former justice its Radcliffe Medal.

She joined a stellar cast of previous honorees: Donna Shalala last year, Toni Morrison the year before, and, in years past, the likes of Madeleine K. Albright, Lena Horne, Katharine Graham, Margaret Atwood, Elizabeth Dole, and Janet Reno.

Radcliffe Dean Barbara J. Grosz praised O’Connor’s American West virtues: “honesty, discipline, and good humor.” She also said the veteran jurist is the first Radcliffe Medalist to be a member of the Cowgirl Hall of Fame.

Grosz also noted, with admiration, O’Connor’s “nonretirement” in 2006 — since then, she has been busy promoting three issues: judicial independence (hard to create, easy to destroy); early public education in civics (O’Connor is behind the new Internet education site [www.ourcourts.org](http://www.ourcourts.org)); and the relevance of international law in American jurisprudence.

O’Connor — silver-haired and slim in a violet jacket and black slacks — delivered a brief history of women in American law.

She started with present statistics: Women comprise 50 percent of law students and 45 percent of law firm associates. But only 20 percent of judges are women, along with 16 percent of law firm equity partners, and — this got a laugh — 11 percent of Supreme Court justices.

To date, women have achieved parity in the legal profession, but only at entry-level positions, said O’Connor. The more power a job has, the fewer women are likely to be in it.

Still, “it’s been an amazing century for us,” she said. “It was not that long ago that the only relevant statistic regarding women in the legal profession was zero percent — as in

zero associates, zero equity partners, and zero judges.”

As for not long ago: O’Connor told her own story. Fresh out of Stanford Law School in 1952, and ranked near the top of her class, she had trouble landing an interview with a law firm — much less a job.

When she did get an interview, her interviewer asked, “Now, Miss Day, how well can you type?”

Impediments like this led her to a career in public service, perhaps happily — because of the experience, said O’Connor. (She went on, in Arizona, to serve in all three branches of state government.)

Her first job, in 1952, was as a county attorney — for no money and with a desk next to the secretary.

Decades before, “early women legal pioneers faced a cult of domesticity,” said O’Connor — the notion that women were unsuited to the hurly-burly of the law.

“They were compassionate, whereas lawyers had to be ruthless,” she said. “They were gentle, where lawyers had to be forceful. Women were pure, when lawyers had to be morally flexible.” (Laugh line.)

*(See O’Connor, next page)*

## Chu



**'Change can happen to us or through us,' President Drew Faust said at Afternoon Exercises. 'We must make sure we become its architects, not its victims. We must ask ourselves what it is we want to be on the other side of recession and crisis ...'**



**U.S. Energy Secretary Steven Chu at Afternoon Exercises: 'The Obama administration is laying a new foundation for a prosperous and sustainable energy future, but we don't have all the answers. And that's where you come in. I am asking you to join this effort.'**

Photos Justin Ide/Harvard News Office

*(Continued from previous page)*

student speeches and the conferring of degrees by Harvard President Drew Faust. It featured a rendition of "America the Beautiful" by jazz trumpeter Wynton Marsalis, who received an honorary doctor of music degree.

In her annual speech to the Alumni Association Thursday afternoon, Faust reflected on the difficult year the University has endured. Harvard was not spared in the global financial meltdown and has been forced to take a new, hard look at its spending priorities as it examines ways to cut its budget.

Despite the difficulty, Faust said, this is not a time to feel victimized by circumstances or to forget Harvard's long history of academic excellence — an excellence that may be more in need today than ever before.

Instead, it's time to re-examine the University's priorities and renew the institution's dedication to three core principles: that equal opportunity has to be available to talented students regardless of their economic means; that universities are critical generators of knowledge, so new ways to conduct and support research must be found; and that universities must be places that speak the truth — through their research and knowledge — regardless of whether that particular truth is popular at the time.

"Change can happen to us or through us," Faust said. "We must make sure we become its architects, not its vic-

tims. We must ask ourselves what it is we want to be on the other side of recession and crisis, when the world has reached what we might call a new normal."

### Potential savings from efficiency

In his talk, Chu said that though many of the answers to America's — and the world's — energy problems remain to be found, some are already apparent.

Energy efficiency alone could garner enormous savings, he said. Using current technology, buildings could be made 80 percent more efficient, paying back the needed investment in just 15 years. Since heating, cooling, and powering buildings account for roughly 40 percent of our energy consumption, those savings alone could be considerable. Energy efficiency has such enormous potential for savings, Chu said, it doesn't even qualify as low-hanging fruit, calling it instead "fruit lying on the ground."

Some of the answers to the energy crisis are not known, of course. To find those, the Obama administration is encouraging research and innovation, Chu said, adding that America has the opportunity to lead in the development of a new industrial revolution.

"We will invent much-improved methods to harness the sun, the wind, nuclear power, and to capture and sequester the carbon dioxide emitted from our power plants," Chu said. "Advanced biofuels and the electrification of personal vehicles will make us less dependent

on foreign oil."

Despite his stated optimism, Chu stressed the immediate need for action and the consequences if none is taken. Current climate models indicate that without steps to curb carbon dioxide emissions, global temperatures have a 50 percent chance of climbing five degrees Celsius by the end of the century. He referred to past history to illustrate how potentially catastrophic that could be, saying that during the last ice age the world was just six degrees cooler, a difference that resulted in glaciers covering most of Canada and the northern United States.

He also raised concerns that rising temperatures may trigger certain "tipping points" that could accelerate the problem rapidly. One such tipping point could be the melting of the Arctic permafrost, which would lead to the rapid decomposition of organic material held frozen now and, consequently, the rapid release of methane and carbon dioxide.

Action on climate change needs to occur at a time when the developing world is seeking to upgrade its standard of living to more closely mirror the energy-intensive lifestyles in industrialized nations. The United States uses 25 percent of the world's energy for just 3 percent of its people. The question, Chu said, is whether the welfare of future generations is important enough to people today to take the needed action.

"While I'm worried, I am hopeful we will solve this problem," Chu said.

## O'Connor

*(Continued from previous page)*

"The view that women could not cut it as lawyers enjoyed an embarrassingly long shelf life in our United States," said O'Connor.

She related the case of Myra Bradwell, who in 1869 applied to be admitted to the Illinois bar. Turned down, she appealed all the way to the Supreme Court — and lost there, too, in 1873.

O'Connor recalled that Greta Coleman '15 and Elizabeth Beale '15, two Radcliffe suffragists, lobbied in 1914 for the College to add legal studies. By the next year, there was a Cambridge Law School for Women, a national first. It only lasted two years, said O'Connor, but was an inspiration.

By 1920, women had gained the right to vote. And by 1922, the nation saw its first female state Supreme Court justice, in Ohio: Florence E. Allen. (Her advice to a friend: "Never forget, nor remember, that you are a woman.")

In 1934, Allen became the first female federal judge. She wrote "good opinions," said O'Connor, "rather than women's opinions."

Allen was later turned down by both Franklin Roosevelt



Katherine C. Cohen/Harvard News Office

**Following her talk, Radcliffe Medal recipient Sandra Day O'Connor met with students from Fenway High School.**

woman" — or what Justice William J. Brennan Jr. in 1972 called "romantic paternalism." Such concepts, he said — as O'Connor quoted, put women "not on a pedestal, but in a cage."

But just as the courts and Congress were turning away from gender-based classifications, the same kind of myths were getting revisited, said O'Connor — writers questioning "whether women are different merely by virtue of being women."

In the legal arena, such inquiry suggests that women lawyers (including O'Connor herself, according to one writer) would rather mediate than litigate, for instance.

"I fear that kind of calls back the old mess we struggled to put behind us," and revives old stereotypes, said O'Connor.

"This new feminism is certainly interesting," she said. "But it troubles me because it so nearly echoes the Victorian myth of the 'true woman' that kept women out of the action for so long."

and Harry Truman for U.S. Supreme Court consideration — for reasons, O'Connor said, that signaled the enduring power of "the cult of domesticity."

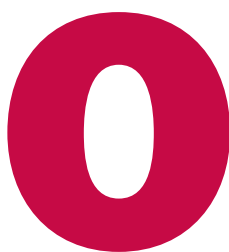
But starting with *Reed v. Reed* in 1971, an equal protection case that reached the Supreme Court, gender barriers started falling fast.

Losing its shine, said O'Connor, was "the myth of the true



Justin Ide/Harvard News Office

Harvard's 358th Commencement begins early for Rebeca Hammann '10, who distributes programs on the sea of chairs in Tercentenary Theatre before the start of the ancient rituals.



On June 4, administrators sighed with relief at the weather, speakers went over their notes, and graduates congregated in black-tasseled flocks alongside a rainbow of professors in their own caps and gowns. Meanwhile, the Harvard Gazette staff fanned out across the campus on Commencement day to pick a rainbow of their own — colorful accounts of the long, happy day. Read about the oldest graduates — and the youngest. Watch Divinity School angels take off, and see Medical School grads wearing surgical masks. Hear the bells peal and maestro Wynton Marsalis play “America the Beautiful.”



Kris Snibbe/Harvard News Office

As Commencement day begins, graduating senior Christopher Lo looks appropriately serious at Morning Services inside the Memorial Church.

**Sine qua non**

Shortly before Morning Exercises (June 4), a young man in cap and gown squeezed into a Holyoke Center elevator. “Where’s the Financial Aid Office?” he asked. “You don’t need financial aid anymore,” a man joked. “You’re graduating.”

“Not if I don’t pay my bill,” the young man replied.

“That’s what we’re doing, too,” the older man said. “Our daughter didn’t pay a fee.”

The graduate, the man, and his wife exited on the ninth floor to complete the most ancient and solemn ritual of all.

**Men in skirts**

Members of the Stuart Highlanders, a pipe band from Wilmington, Mass., took a coffee break at the outdoor tables at Au Bon Pain dressed in white shirts, black vests, and tartan kilts before hitting the pavement for their second round of piping that Commencement afternoon. They were recharging from their early start, having woken residents of Cabot and Lowell houses with their bagpipes at 6:15 a.m. and then having marched them into the Yard to line up for Morning Exercises. In his 17 years on the job, Bob Cameron said the only major mishap he could recall was seeing a piper spill a cup of hot coffee on his kilt-exposed legs.

**Bittersweet farewell**

A few minutes before 7 a.m. on Commencement day, as graduating seniors from Leverett House marched up Plympton Street to the sounds of a jubilant tuba, a dozen people stood outside the House, beaming with pride as they watched the procession. They called out congratulations to the passing graduates. They snapped photographs. At least one cried.

But these weren’t the graduates’ proud parents or grandparents. Their tidy aprons and starched white uniforms identified them as staffers in the Leverett House dining center.



Kris Snibbe/Harvard News Office

In the balcony of the Memorial Church, students raise their voices in song as part of Morning Services.

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**Everything's coming up roses ... and daffodils ... and daisies**

Flowers could be seen everywhere on Commencement day, from the blooming bushes in the Yard to the bouquet-laden gift carts scattered throughout Harvard Square. Even the mail room at Lowell House was filled with arrangements — special deliveries adding cheer to an already festive day for the Class of 2009.

**'Hey! This guy's good.'**

As a soloist stood on the steps next to the Memorial Church and performed a rendition of "America the Beautiful" to open the morning Commencement Exercises, the crowd was noticeably impressed. "He's good!" a member of the audience exclaimed in surprise, stirred by the trumpeter's musicianship and ease before such a large gathering. He was good, *and* relaxed, and with good reason. The lone trumpeter was none other than jazz great Wynton Marsalis, who, it just so happens, was also receiving an honorary degree during the service.

**'A lot of practicing'**

Raymond Fadel '12, a trumpet player in the Harvard Marching Band, spoke about his experience joining the rest of the band members in a tribute to Wynton Marsalis: "It was fantastic and a great experience. [At] Commencement rehearsal, our director gave us a piece that was arranged by our student conductor as a fitting salute to his honorary degree."

And although he would love to do a trumpet duet with Marsalis, Fadel admitted, "I would do a lot of practicing before considering."

**Forget Paris**

One Commencement guest, a physics research intern from Paris, excused himself from his work on Thursday to catch part of the ceremony. "I wanted to attend this ceremony to get an idea about how [Americans] celebrate graduation. We don't have this in [France], so this is interesting," he said. "I'm going to take the afternoon off to enjoy the ceremonies and to discover new things about the American culture."

**Wunderkinder**

On graduation day, Loker Commons was temporarily turned into a day care center as the young children of Ph.D. students prepared to graduate along with their parents — literally. One proud wife and mother explained, "My daughter will be getting her honorary Ph.D. today, at 13 months old. And she's having fun, but I'm a little upset because my father has a Ph.D. and I didn't get an honorary degree!"

**Footwear**

If footwear has any cultural meaning, this year's Harvard College graduates are taking a turn to the "Mild Side." For men, the most common style was plain black leather dress shoes. They were even tied! For women, what prevailed below the ankles were plain flats and open-toed black heels, in even numbers. Within this conservative crowd, the odd-shod stood out. One observer spotted a few contrarian pairs of running shoes and flip-flops, along with one pair each of leopard slippers, pale blue Chuck Taylor high-tops, moon shoes, and — so 20th century! — tasseled loafers.

**Appropriate accessory**

As a marshal for the Divinity School, Elizabeth Leavitt sported a pair of white, feathered wings and a gold halo made out of pipe cleaner, for her class's Morning Exercises.

**Props? Or proper precaution?**

Every Commencement, graduates of Harvard's various Schools bring in props to wave as Harvard's president confers their degrees: plastic globes for Harvard Kennedy School students or school workbooks for those from the Graduate School of Education, for example. This year, graduating students from Harvard Medical School sported surgical masks, making them look like... well, pandemic-shy residents of major cities around the world. With thousands of people crammed into Harvard Yard for Thursday's ceremonies and swine flu out and about, it was unclear whether the newly minted docs were toting masks in the spirit of the day or out of an abundance of caution. Both perhaps?



Rose Lincoln/Harvard News Office



Kris Snibbe/Harvard News Office

The weather was obliging at Harvard's bright and colorful 358th Commencement Exercises (above). To celebrate their brand new status, Kennedy School graduates (left) joyfully hold aloft inflated globes.



Justin Ide/Harvard News Office

During the morning procession, Harvard President Drew Faust, surrounded by soon-to-be bachelors, masters, and doctors, enthusiastically applauds their accomplishments.



Katherine C. Cohen/Harvard News Office

Preceding Morning Exercises, honorary degree recipient and celebrated musician and composer Wynton Marsalis, who later serenaded the crowd with two musical numbers, gets a little assistance fitting into his Commencement day regalia.

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**All tucked out**

By 9:50 a.m., just as Morning Exercises were getting under way, two weary spectators had already decided it was nap time. They stretched out on the ledge of Widener Library across from Boylston Hall and snored peacefully through the booming, joyous introductions of University Marshal Jackie O'Neill. In place of a pillow, one of the sleepers had balanced a Frisbee over his eyes — hardly comfortable, but apparently adequate.

**Room with a view**

One clever family avoided the morning crowds by escaping to the second floor of Weld Hall, where they commandeered a corner bedroom suite overlooking Tercentenary Theatre. The view was perfect, offering clear sightlines to the procession, a good perspective on one of

**At the conferral of their degrees (right), Brianna Wadler (left) and Erin Pfeiffer of HSPH fail at remaining impassive. Patrick Jones (below) of the Design School, on the other hand, looks like he's thinking about the job market in the brave new world.**



Kris Snibbe/Harvard News Office



Justin Ide/Harvard News Office

the enormous video screens, and just enough height to glimpse the stage beyond. Mom stood by the open window, camera trained on the crowd, while Dad relaxed on the extra-long twin mattress and leafed through a copy of the program.

The only problem with their otherwise ideal campout was that the room is a hospitality room, technically reserved for guests of the Extension School. This family was there to celebrate their daughter's graduation from the College.

"I think we're going to have to ask them to leave," whispered one of the room attendants, an Extension alumna. Her tone was apologetic.

"But not until the ceremony's over."

**Hometown girl makes good**

The Harvard Gazette — by no means for the first time — was proud to be represented at Commencement by a newly minted A.L.M. This year it was photographer Stephanie Mitchell. Not only did she graduate in her concentration of studio arts, but Mitchell's thesis, "The Ancient and Modern Art of Abbas Kiarostami," was awarded the prestigious Annamae and Allan R. Crite Prize for "singular dedication to learning and the arts." Mitchell's proud fellow photographers (from the Gazette and elsewhere) swarmed around their friend like a hive of excited paparazzi, causing some bystanders to wonder aloud, "Is she a celebrity?!"

**Hopelessly devoted**

The parents of Lowell House senior Max Mishkin were thrilled to see their son, a tuba player and outgoing drill-master with the Harvard Band, finally graduate. Jeremy and Barbara Mishkin drove up from Philadelphia to attend Thursday's Commencement ceremonies, retracing a route they'd driven many times in the past four years.

The pair said they'd taken advantage of every opportunity to visit Harvard and watch Max play. Among other excursions, Barbara said she'd been to three Harvard-Yale games and watched past Commencements, at which the band played, on their Webcasts.

"We're incredibly proud," Barbara said. "To actually be here, it feels incredible; it's a magical experience."

**Bamboo poles and natural talent**

For those in the audience, the awarding of honorary degrees is at least as interesting for the tidbits they reveal about the lives of extraordinary individuals as they are for the honors they convey.



Jon Chase/Harvard News Office

**News Office photographer (and winner of the Dean's List Certificate for Academic Achievement) Stephanie Mitchell (above) learns what it's like to be at the other end of the lens as she receives an A.L.M. from the Extension School. Rachel Hawkins '12 (below) makes sure the Morning Exercises end with a bang.**

Rose Lincoln/Harvard News Office





Jon Chase/Harvard News Office



Jon Chase/Harvard News Office

While Marylynn Antonellis (above) attempts valiantly to attract the attention of her daughter Anne '09 outside the Memorial Church, husband Joseph Antonellis takes photos. Ph.D. candidate Muhammed Yildirim (left) has his hands full, with daughter Mina in his arms and a cell phone on his shoulder.



Justin Ide/Harvard News Office

Honorary degree recipients Joan Didion and Sidney Verba (above) chat on the platform. Jazz musician and honorary degree recipient Wynton Marsalis (left) plays a version of 'America the Beautiful' that is simultaneously playful and moving.



Jon Chase/Harvard News Office

U.S. Energy Secretary Steven Chu, a Nobel laureate in physics, as a child pole-vaulted with store-bought bamboo poles, clearing 8 feet for his trouble. Jazz trumpeter Wynton Marsalis, who brought his trumpet along for renditions of "America the Beautiful" and "When the Saints Go Marching In," apparently never practiced as a child for fear the line around his lips made by the mouthpiece would scare off the girls.

And Anthony Fauci put in extraordinarily long hours as director of the National Institute of Allergy and Infectious Diseases at the National Institutes of Health. Harvard Provost Steven E. Hyman, who was introducing the honoraries, knows Fauci from Hyman's service as director of the National Institute of Mental Health from 1996 to 2001. Fauci's car, Hyman said, was always the first in the lot in the morning and the last there at night.

"We debated whether it had a battery," Hyman deadpanned.

**The ringmaster**

The majestic peals of the Lowell House bells filled Harvard Square not once, not twice, but *three* times on Commencement day. Who was behind all the ring-a-ding? Ben Rapoport '03, Lowell House tutor and M.D./Ph.D. candidate at the Harvard Medical School.

Rapoport has been a *klappermeister*, or bellringer, since 2000. He learned to ring the bells during his sophomore year and has continued throughout his tenure at Harvard. Thursday marked Rapoport's seventh Commencement performance. By tradition, the bells are rung three times on Commencement day: when the Lowell seniors process out of the House courtyard, when they return, and when the final degree is conferred. From his perch in the tower, Rapoport can keep watch on the proceedings in the courtyard and time his peals perfectly.

Russian bells are not typically designed to accommodate Western tonalities, so it can be difficult to play tunes that make sense to local ears. The new Lowell House bells, installed last July after the original set was returned to the Danilov Monastery in Moscow, were cast to offer a compromise between Western and Russian tastes. If he choo-

es, therefore, Rapoport can play a recognizable tune. For Commencement day his go-to choice is the 1836 College hymn, "Fair Harvard."

"Sometimes alumni bell ringers come back, and join me up in the tower," Rapoport said. "It's always wonderful to see them."

**Venerable**

In the fall of 1927, George Barner arrived at Harvard after two years at Grinnell College in his native Iowa. This year, the Class of 1929 graduate was back on campus for Commencement day, the oldest alumnus to take part in the ceremonies.

Barner, wearing a natty golf cap, ate lunch in the shade of a tent behind Stoughton Hall. Across the table from him, in a wide white hat and big sunglasses, was Frances Adelson '30, the oldest Radcliffe graduate to attend.

Both are 100 years old. Barner, who retired from his law practice in 1969, lives in Kennebunk, Maine. He may give

*(Continued on next page)*



Katherine C. Cohen/Harvard News Office

**At 100, George Barner '29 (above) is the oldest alumnus to take part in Commencement day ceremonies in Tercentenary Theatre. Charles Flather '54 (right) strolls past Class banners in the Yard before the start of Morning Exercises.**



Jon Chase/Harvard News Office



Katherine C. Cohen/Harvard News Office

**One-hundred-year-old Frances Addelson '30 (above) is the oldest Radcliffe alumna to take part in Harvard's 358th Commencement. In 1992, Addelson founded a group of Shakespeare players.**

*(Continued from previous page)*

up driving his Lincoln this year. Addelson, a one-time social worker living in Brookline, Mass., founded a troupe of senior Shakespeare players at age 92. She reached the century mark in May.

At any Commencement, the oldest graduates gather in that same far shady corner of the Yard. It's a Harvard time machine.

Addelson takes a listener back to Cambridge of the 1920s, when Radcliffe students were barred from Harvard Yard and from wearing bobby socks in Harvard Square. When Radcliffe girls went to Widener Library, she said, they studied in one cell-like room. The books were delivered.

Barner's senior year was marked by debate over a proposed "house" system for undergraduates, who feared it would dash tradition and impose new authority. He studied French literature with Louis Allard, a scholar with 19th century roots. And Barner remembered the now-forgotten Pi Eta, a fellowship club whose homegrown stage productions — complete with undergraduates in drag — rivaled Hasty Pudding.

Both centenarians, who later marched at the head of the Alumni Parade through Harvard Yard, were a little taken back at the attention.

"I'm very much surprised. I lived a very modest life

as a social worker," said Addelson. "When I began my 100th year, all of a sudden everybody looked at me as a celebrity."

Barner, who turns 101 in December, took the passing of years equally in stride. "It doesn't impress me," he said. "I don't feel like I'm that age."

Addelson and Barner sat in the first row for the Afternoon Exercises. Early on, the assembled crowd heard some sad news: Albert H. Gordon '23, M.B.A. '25, LL.D. '77, died May 1 at age 107. Until then, he had been the oldest living graduate of both Harvard College and Harvard Business School.

**No small picnic**

Between Morning and Afternoon Exercises, Harvard put on what may have been the world's largest picnic, feeding countless graduates, families, and alumni in venues across the University. At the head of the catering craziness was Ted A. Mayer, executive director for Harvard University Dining Services (HUDS). Armed with clipboards, spreadsheets, and cell phones, Mayer and his team successfully served more than 30,000 meals.

"The biggest challenge is coordination," said Mayer. "Our whole department basically turns into a catering group."

Planning for Commencement meals began nearly three months ago. Martin Breslin, director for culinary operations at HUDS, worked with alumni groups and House masters to design the perfect menu for each lunch.

"We have approximately 35 different menus today," said Breslin, brandishing an intricate spreadsheet.

According to Mayer, this year's menus are more modest, in keeping with the economic downturn.

"People have been more conservative with their menu approach," Mayer said. "We have a lot more chicken, for example. It's still a celebration, but groups are being more careful with their finances and holding less extravagant events. It mirrors the reality of what's happened [in the economy]."

Though the menus vary, one constant at every location — whether a House courtyard or an alumni tent — is the famed Harvard "H" ice cream. The frozen treat consists of vanilla ice cream emblazoned with a crimson "H" in the center, surrounded by a ring of crimson sprinkles.

"The ice cream has been served for maybe 40 or 50 years," Breslin said. "It's a well-established tradition. ... A lot of alums come back and look for it on Commencement day."

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Justin Ide/Harvard News Office

**Against a backdrop of ingenious crimson banners and traditional Harvard brick, alumnae of numerous Harvard classes gather for Commencement.**

# Calendar

Events for June 11-August 31, 2009

## comedy

Sun., June 14—**“Fairly Unbalanced: Writing Political Satire in the Twenty-First Century.”** (Cambridge Forum) A discussion of the power (and pitfalls) of writing in the age of Jon Stewart and Al Franken. Panelists include novelists Percival Everett and Lise Haines; comedian Jimmy Tingle, poet Baron Wormser, and members of the Harvard Lampoon. Writer Nurmuhammet Yasin will be honored by PEN/New England. Cambridge Forum, 3 Church St., 4 p.m. Free and open to the public. [www.cambridgeforum.org](http://www.cambridgeforum.org).

## concerts

Sun., June 14—**“Ligeti & Strauss, Concerto Competition Winner.”** (Harvard Box Office) Concert by Boston Youth Symphony Orchestra, directed by Federico Cortese. Sanders Theatre, 3 p.m. Tickets are \$30/\$25 general; \$5 off students/senior citizens. Harvard Box Office (617) 496-2222, [www.boxoffice.harvard.edu](http://www.boxoffice.harvard.edu).

Sun., June 21—**“Piano Concert by Students of Dr. Bella Eugenia Oster.”** (Harvard Box Office) Concert by students of European Academy of Music and Art Inc., under the tutelage of Bella Eugenia Oster. Program includes Chopin, Liszt, Schumann, and others. Sanders Theatre, 2 p.m. Free. Tickets are required; limit two per person. Harvard Box Office (617) 496-2222, [www.boxoffice.harvard.edu](http://www.boxoffice.harvard.edu).

Fri., June 26—**“The Revelations of Divine Love (Metaphors from Sea and Sky).”** (The Memorial Church) The Choir of Royal Holloway, University of London, and the Buttrick Sinfonia under the direction of Rupert Gough perform an oratorio for soloists, chorus, and orchestra by Carson Cooman '04, based on the writings of the English Medieval mystic Julian of Norwich. The Memorial Church, 8 p.m. Free. (617) 495-5508.

Sun., July 5—**“First Sunday World Music Series.”** (Art Museum) A celebration of Independence Day featuring music made in the U.S.A. Sackler Museum, 485 Broadway, 3 p.m. Free with price of admission. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

Thu., July 23—**“Harvard Summer Pops Band.”** (Harvard Summer School) Selections from “Phantom of the Opera,” “Moorside March,” and more. Memorial Church steps, 4 p.m. Free and open to the public. (617) 496-BAND, [www.hcs.harvard.edu/~hub/events/summerband.shtml](http://www.hcs.harvard.edu/~hub/events/summerband.shtml).

Sun., July 26—**“Harvard Summer Pops Band.”** (Harvard Summer School) Selections from “Phantom of the Opera,” “Moorside March,” and more. Hatch Shell, Charles River Esplanade, 3 p.m. Free and open to the public. (617) 496-BAND, [www.hcs.harvard.edu/~hub/events/summerband.shtml](http://www.hcs.harvard.edu/~hub/events/summerband.shtml).

Fri., July 31—**“Harvard Summer School Chorus.”** (Harvard Summer School) Program of Handel and Haydn. Sanders Theatre, 8 p.m. The chorus will sing with professional orchestra and soloists. Free and open to the public. [jmarvin@fas.harvard.edu](mailto:jmarvin@fas.harvard.edu).



**‘From Film to Digital: Fresh Images Over Decades’ features the photographs of Henry Steiner. Taken from 1966 on, these photographs embrace nature in its many majestic forms and people in their cultural diversity. The exhibit will be on view at the Holyoke Center Aug. 28-Sept. 23. See exhibitions, page 22, for details.**

**ABOVE: Crete village, lady watching election rally, Nikon F-3, Kodak film, 1989**

Sat., Aug. 1—**“Harvard Summer School Orchestra.”** (Harvard Summer School) Program of Bartok, Mozart, and Haydn. Sanders Theatre, 8 p.m. Free and open to the public. [www.summer.harvard.edu/2009/campus/activities.jsp](http://www.summer.harvard.edu/2009/campus/activities.jsp).

Sun., Aug 2—**“First Sunday World Music Series.”** (Art Museum) Concert of world music. Sackler Museum, 485 Broadway, 3 p.m. Free with price of admission. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

## theater

American Repertory Theater

Thu., June 11-Sun., June 28—**“Sexual Perversity in Chicago”** and **“Duck Variations”** showcase David Mamet’s command of lightning-quick comic banter, while skewering the antics of young and old alike.

—Performances take place at Zero Arrow Theatre, corner of Arrow St. and Mass. Ave., various times. See Web site for full schedule. Tickets are \$25-39 general; \$10 off senior citizens. Tickets are available through the Harvard Box Office (617) 496-2222, [www.boxoffice.harvard.edu](http://www.boxoffice.harvard.edu).

Mon., June 22—**“Afterbirth ... Stories You Won’t Read in a Parenting Magazine”** is a showcase of original,

laugh-out-loud stories about how having children changes you unexpectedly and forever. The cast includes Christy Callahan, Caroline Bicks, Johanna Stein, Tovah Mirvis, and others.

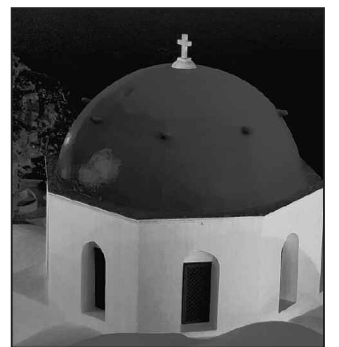
—Performance takes place at Zero Arrow Theatre, corner of Arrow St. and Mass. Ave., 7:30 p.m. Tickets are \$20.50 general; \$5 off for A.R.T. patrons. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or [www.amrep.org](http://www.amrep.org).

Wed., July 22-Sun., Aug. 2—**“Aurélia’s Oratorio”** is Victoria Thierree Chaplin’s dazzling display of stage illusion, inspired by the magic of music hall and

## Inside

### Deadlines

Important Calendar submission deadlines  
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### Greece at a glance

See Maggie Hsu’s photos in the Holyoke Center Arcade  
**Page 25**

circus. Starring her daughter Aurélia Thierree, granddaughter of Charlie Chaplin. Also featuring Jaime Martinez. —Performances take place at Loeb Drama Center Main Stage, 64 Brattle St., various times. Some dates have pre-play discussions and matinees; see Web site for full schedule. Tickets are \$25-79 general; \$10 off 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](http://www.amrep.org).

Opening Fri., Aug. 21—**“The Donkey Show”** is the ultimate disco experience — a crazy circus of mirror balls and feathered divas, roller skates, and hustle queens. Come party on the floor to ’70s hits as the show unfolds around you. “The Donkey Show” tells the story of “A Midsummer Night’s Dream” through great ’70s anthems. Part of the “Shakespeare Exploded!” festival. Directed by Diane Paulus and Randy Weiner. —Performances take place at Zero Arrow Theatre, corner of Arrow St. and Mass. Ave., times TBA. Tickets TBA. [www.amrep.org](http://www.amrep.org).

### Harvard-Radcliffe Summer Theatre & IONO!

Through Thu., June 18—**“DUETT”** is a play meets rock concert meets video installation meets horror show. Featuring original music from Incubus lead guitarist Michael Einzinger, “DUETT” brings your favorite bad guys from “Dangerous Liaisons” to reveal the silent pact of “reality” that global society unknowingly made once upon a time. Oscillating between the real and surreal, this bold adaptation offers a ruthless critique of elitism, religion, and the theater. —Performances take place at Loeb Drama Center Experimental Theatre, 64 Brattle St., various times. Tickets are \$12 general; \$8 students/senior citizens. Harvard Box Office (617) 496-2222, [www.boxoffice.harvard.edu](http://www.boxoffice.harvard.edu).

Wed., June 24-Sat., June 27—**“A Workshop of Original Student Plays”** features two student-written plays, Alex

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Breaux's "Still Fighting It" and Jack Cutmore-Scott's "Breaking Up." Each performance will be followed by a talk-back with the director, playwrights, and actors.

—Performances take place at *Loeb Drama Center Experimental Theatre, 64 Brattle St., 7:30 p.m. Tickets are \$8 general; \$6 students/Harvard ID/senior citizens. Harvard Box Office (617) 496-2222, www.boxoffice.harvard.edu.*

## film

### 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/>.

## 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

**Mail:**  
Calendar editor  
Harvard Gazette  
1350 Massachusetts Avenue  
Cambridge, MA 02138

**Telephone:** (617) 496-2651  
**Fax:** (617) 496-9351  
**E-mail:** [calendar@harvard.edu](mailto:calendar@harvard.edu)

### 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.

Through Thu., July 9—No screenings. Screenings will resume on July 10.

**Harvard Ukrainian Research Institute**  
Films are screened in Room S020, CGIS South, 1730 Cambridge St., with Yuri Shevchuk, Columbia University. Co-sponsored by the Ukrainian Film Club and the Ukrainian Studies Program at Columbia University. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

Mon., July 6—"New Films from Ukraine" at 7 p.m..  
Mon., July 13—"The Holodomor in Film" at 7 p.m..  
Mon., July 20—"Ukraine: A View from the Outside" at 7 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](mailto:mail@whrb.org), [www.whrb.org](http://www.whrb.org).  
"Hillbilly at Harvard"—Saturdays, 9 a.m.-1 p.m.

**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](mailto:loe@npr.org), [www.loe.org](http://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.*

**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.*

**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 draws on the papers of contributing scientists, physicians, and activists involved in reproductive health. The exhibit includes 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.*

**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>.*

**Graduate School of Design**  
"The 2009 Commencement Exhibition" is a collection of artwork by GSD graduating students representing the culmination of many years of intellectual commitment and imaginative speculation. (Through Aug. 3)  
—*Gund Hall Lobby, 48 Quincy St., GSD. www.gsd.harvard.edu.*

**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, 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.harvardartmuseum.org. NOTE: The Fogg and Busch-Reisinger closed to the public on June 30, 2008, for a renovation project lasting approximately five years. The Sackler will remain open during the renovation.*

**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)

**"Dodos, Trilobites, & Meteorites: Treasures of Nature and Science at Harvard"** features hundreds of speci-

mens documenting two centuries of scientific exploration, including a 42-foot-long Kronosaurus skeleton, and the world's largest turtle shell, more than 7 feet long and 6 million years old. (Ongoing)

**"Evolution"** is an exhibition of life's major transitions — the move from water to land and human origins, inviting visitors to examine the fossil, anatomical, and genetic evidence that reveals the shared evolutionary history of all life. Featuring animals and plants that sparked Darwin's theory, dramatic displays of diversity within species, and computer simulations to demonstrate how natural selection acts, "Evolution" will also offer behind-the-scenes looks at current evolution research at Harvard. (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."** More than 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 more than 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. Open daily, 9 a.m.-5 p.m.; Closed Jan. 1, Thanksgiving Day, Dec. 24-25. 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. Current Harvard ID holders and one guest always admitted free. See Web site for free admission hours for Mass. residents, extended third Thursday summer hours, reduced rates for adult and student groups, lectures, classes, and events. (617) 495-3045, www.hmn.harvard.edu.*

**Holyoke Center**  
"Physical State" features photographs by Damian Hickey. Influenced by fashion photography and painting, Hickey uses the camera as a tool to photograph dreams and visions, which deal with themes of desire and loss from the point of view of female protagonists. (Through June 24)  
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave., 9 a.m.-7 p.m. Free and open to the public. (617) 495-5214.*

**"Southwest by Northeast"** is Heather Meri Stewart's imaginative exploration of the means by which we mediate between the rational and sensual elements of painting. Inspired by recent travels, these paintings investigate the landscape and built environment of the northeastern and southwestern U.S. (June 26-July 22)  
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave., 9 a.m.-7 p.m. Free and open to the public. (617) 495-5214.*

**"Greece at a Glance"** showcases photographs by Maggie Hsu that capture Athens, Mykonos, Santorini, the beauty, beaches, and architecture of Greece. (July 24-Aug. 26)  
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave., 9 a.m.-7 p.m. Free and open to the public. (617) 495-5214.*

**"From Film to Digital: Fresh Images Over Decades"** features the photographs of Henry Steiner. Taken from 1966 on, in film and slides until he went digital seven years ago, these photographs embrace nature in its many majestic forms, nature in the striking patterns and lighting that it can offer, and people in their cultural diversity. (Aug. 28-Sept. 23)

—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave., 9 a.m.-7 p.m. Free and open to the public. (617) 495-5214.*

**Houghton Library**  
"Ever Westward": Sir Arthur Conan Doyle and American Culture" commemorates the 150th anniversary of Doyle's birth and examines his life and most famous literary creation, Sherlock Holmes, with a special emphasis on their place in American culture. (Through Aug. 8)  
—*Edison and Newman Room, Houghton Library. (617) 496-4027.*

**"A Monument More Durable Than Brass: The Donald and Mary Hyde Collection of Dr. Samuel Johnson"** is the most comprehensive collection in existence on the life and work of Johnson and his circle of friends and associates in 18th century London. Treasures include a fragment of the manuscript for his "Dictionary," his only surviving letter to his wife, books from his library, and his teapot. See also con-

## 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	WCFA

# Important deadline information

The June 11 Gazette is the last issue of the academic year. There are two summer (online only) issues scheduled: July 23 and Aug. 20. The deadlines for those issues are 5 p.m. Thursday, July 16, and Thursday, Aug. 13, respectively. There will be NO exceptions. Please call (617) 496-2651 with any questions.

ferences. (Aug. 26-Nov. 14)

—*Edison and Newman Room and Amy Lowell Room, Houghton Library.* (617) 495-2449.

“**This great voice that shakes the world’: Tennyson’s ‘Idylls of the King’**” is a celebration of the 200th anniversary of Tennyson’s birth. This exhibition focuses on the poet’s great Arthurian, “The Idylls of the King,” a 12-part cycle of poems composed and published over nearly 30 years. Including early drafts and variants, published editions, and artist’s interpretations of the “Idylls.” (June 15-Aug. 27)

—*Amy Lowell Room, Houghton Library.* (617) 495-2449.

## Lamont Library

“**Harvard College Annual International Photo Contest**” displays photos taken by Harvard students who have studied, worked, interned, or conducted research abroad during the past year. (Through June 30)

—*Level B and first floor, Lamont Library.* (617) 495-2455.

## Landscape Institute

“**Independent Project Studio and Design IV Final Project Presentation.**” (Through June 25)

—*Landscape Institute, 30 Chauncy St.* (617) 495-8632, [www.landscape.arboretum.harvard.edu](http://www.landscape.arboretum.harvard.edu).

“**Julie Shapiro: Seed and Plant Identification Photographs.**” (Aug. 17-Sept. 10)

—*Landscape Institute, 30 Chauncy St.* (617) 495-8632, [www.landscape.arboretum.harvard.edu](http://www.landscape.arboretum.harvard.edu).

“**Roger Cody: Downtown Boston Landscapes.**” (July 12-Aug. 6)

—*Landscape Institute, 30 Chauncy St.* (617) 495-8632, [www.landscape.arboretum.harvard.edu](http://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](http://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

“**Avenue Patrice Lumumba: Photographs by Guy Tillim**” features photographs of Tillim’s travels to Angola, Mozambique, Congo, and Madagascar to document the grand colonial architecture and how it has become a part of a contemporary African stage. (Through Sept. 8)

“**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)

“**Masked Festivals of Canton Bo (Ivory Coast), West Africa**” explores the *g’la*, or the spirit forms of eastern

Liberia/Ivory Coast festivals through rare drawings and photographs, along with masks from the Peabody Museum collections. See also Tozzer Library. (Through March 31, 2010)

“**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. (Through 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](http://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. For more information, visit [http://hcl.harvard.edu/info/exhibitions/index.html#diaghilevs\\_ballets](http://hcl.harvard.edu/info/exhibitions/index.html#diaghilevs_ballets). (Through 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.

## 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.

## Science Center

“**Patent Republic: Materialities of Intellectual Property in 19th-Century America**” retraces more than 50 years of patent-model making in the U.S., presenting common inventions such as washing machines, carpet sweepers, and ice skates, as well as Thomas Edison’s carbonizer. (Through Dec. 11)

—*Science Center, 1 Oxford St. Open weekdays, 9 a.m.-5 p.m.*

## Tozzer Library

“**Masked Festivals of Canton Bo (Ivory Coast), West Africa**” explores the *g’la*, or the spirit forms of eastern Liberia/Ivory Coast festivals through rare drawings and photographs, along with masks from the Peabody Museum collections. See also Peabody Museum. (Through March 31, 2010)

—*Tozzer Library Gallery, 21 Divinity Ave. Hours are Mon.-Fri., 9 a.m.-5 p.m., with some evening and weekend hours.* (617) 495-2292, <http://hcl.harvard.edu/libraries/#tozzer>.

# lectures

## art/design

Sun., June 14—“**A Museum of Plaster Casts: Adolphus Busch Hall.**” (Art Museum) Gallery talk with Almut Trinius, curatorial fellow, Harvard Art Museum. Adolphus Busch Hall, 29 Kirkland St., 2 p.m. Free and open to the public. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

Tue., June 16—“**The Houses of Ancient Israel: Domestic, Royal, Divine.**” (Semitic Museum) Free lunchtime tour. Learn how people lived in an ancient Mesopotamian city around 800 BCE. Semitic Museum, 6 Divinity Ave., 12:15 p.m. [www.fas.harvard.edu/~semitic](http://www.fas.harvard.edu/~semitic).

Sat., June 20—“**A Historian’s Perspective: How the Art of Pissarro, Manet, and Picasso Can Teach Us about Women’s Lives in Late 19th Century France.**” (Art Museum) Gallery talk with Kelsey McNiff, Harvard Art Museum. Sackler Museum, 485 Broadway, 11 a.m. Free and open to the public. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

Tue., July 14—“**The Houses of Ancient Israel: Domestic, Royal, Divine.**” (Semitic Museum) Free lunchtime tour. Learn how people lived in an ancient Mesopotamian city around 800 BCE. Semitic Museum, 6 Divinity Ave., 12:15 p.m. [www.fas.harvard.edu/~semitic](http://www.fas.harvard.edu/~semitic).

Sat., July 18—“**Modern Visions from the Busch-Reisinger Museum Collection.**” (Art Museum) Gallery talk with Laura Muir, assistant curator, Harvard Art Museum. Sackler Museum, 485 Broadway, 11 a.m. Free and open to the public. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

Wed., July 29—“**The Houses of Ancient Israel: Domestic, Royal, Divine.**” (Semitic Museum) Free lunchtime tour. Learn how people lived in an ancient Mesopotamian city around 1200 BCE. Nuzi Gallery, Semitic Museum, 6 Divinity Ave., 12:15 p.m. [www.fas.harvard.edu/~semitic](http://www.fas.harvard.edu/~semitic).

Sat., Aug 15—“**Renaissance Responses to Antiquity: Rubens, Bernini, and Poussin.**” (Art Museum) Gallery talk with Antien Knapp, postdoctoral fellow, Harvard Art Museum. Sackler Museum, 485 Broadway, 11 a.m. Free and open to the public. (617) 495-9400, [www.harvardartmuseum.org](http://www.harvardartmuseum.org).

## conferences

Thu., Aug. 27-Sat., Aug 29—“**Johnson at 300: A Houghton Library Symposium.**” (Harvard College Library) For symposium details, visit [http://hcl.harvard.edu/libraries/Houghton/conference\\_johnson.html](http://hcl.harvard.edu/libraries/Houghton/conference_johnson.html). See also exhibitions.

## environmental sciences

Thu., July 23—“**China’s Environmental NGOs and Public Policy: Three Case Studies.**” (Fairbank Center) Jialiang Xu, Beijing Normal University and visiting scholar, Fairbank Center. Room S153, CGIS South, 1730 Cambridge St., 12:15 p.m.

## health sciences

Wed., July 1—“**Children of Ukraine Hospital Rotary Project: 12 Years of Working Side by Side To Save Children.**” (HURI) Joyce Dove, founder and director, Foundation for Children Inc. Room S050, CGIS South, 1730 Cambridge St., 7 p.m. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

## humanities

Wed., July 8—“**The Art of Fiction: Practice, and Practice (A Workshop and Reading).**” (HURI) Askold Melnyczuk, UMass Boston. Room S050, CGIS South, 1730 Cambridge St., 7 p.m. Open to Harvard students only. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

Wed., July 15—“**The Politics of Memory in a Divided Society: A Comparison of Post-Franco Spain and Post-Soviet Ukraine.**” (HURI) Oxana Shevel, Tufts University. Room S050, CGIS South, 1730 Cambridge St., 7 p.m. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

## poetry/prose

Sun., June 14—“**Fairly Unbalanced: Writing Political Satire in the Twenty-First Century.**” (Cambridge Forum) A discussion of the power (and pitfalls) of writing in the age of Jon Stewart and Al Franken. Panelists include novelists Percival Everett and Lise Haines; comedian Jimmy Tingle, poet Baron Wormser, and members of the Harvard Lampoon. Writer Nurmuhammet Yasin will be honored by PEN/New England. Cambridge Forum, 3 Church St., 4 p.m. Free and open to the public. [www.cambridgeforum.org](http://www.cambridgeforum.org).

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## social sciences

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Mon., June 15—“**The Man on Mao’s Right.**” (Fairbank Center) Ji Chaozhu, author and former interpreter for Mao Zedong and Zhou Enlai. Room S153, CGIS South, 1730 Cambridge St., noon.

Wed., June 24—“**Ukraine’s Security: Regional Context.**” (HURI) Leonid Polyakov, fellow, HURI. Room S050, CGIS South, 1730 Cambridge St., 7 p.m. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

Tue., June 30—“**Famine and Socialism: Exploring the Cases of China and the Soviet Union.**” (Fairbank Center, Davis Center) Felix Wemheuer, Vienna University and visiting scholar, Fairbank Center. Room S153, CGIS South, 1730 Cambridge St., 12:15 p.m.

Wed., July 1—“**Children of Ukraine Hospital Rotary Project: 12 Years of Working Side by Side To Save Children.**” (HURI) Joyce Dove, founder and director, Foundation for Children Inc. Room S050, CGIS South, 1730 Cambridge St., 7 p.m. [www.huri.harvard.edu/calendar.html](http://www.huri.harvard.edu/calendar.html).

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Thu., July 23—“**China’s Environmental NGOs and Public Policy: Three Case Studies.**” (Fairbank Center) Jialiang Xu, Beijing Normal University and visiting scholar, Fairbank Center. Room S153, CGIS South, 1730 Cambridge St., 12:15 p.m.

# classes etc.

**Arnold Arboretum** offers a series of classes for the general public. (617) 384-5209, [arbweb@arnarb.harvard.edu](http://arbweb@arnarb.harvard.edu), [www.arboretum.harvard.edu](http://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](http://www.arboretum.harvard.edu/programs/fieldstudy_guides.html).

■ **“Signs of Spring” Free walking tours:** 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](http://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. Details and forms available at [www.arboretum.harvard.edu/jpos](http://www.arboretum.harvard.edu/jpos). The deadline is Tue., July 14, at 4 p.m.

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](mailto:training@harvard.edu).

(Continued on next page)





**July 24-Aug. 26**

‘Greece at a Glance’ showcases photographs by Maggie Hsu that capture Athens, Mykonos, Santorini, and the beauty, beaches, and architecture of Greece. The exhibit will be on view July 24-Aug. 26 in the Holyoke Center exhibition space. See exhibitions, page 22, for details.

LEFT: ‘Church Dome,’ photograph, 2008

**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](http://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](http://www.unitychurchofgod.org)  
 ■ Sunday 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 1350 Mass. Ave., next to the cab stand). Senior pastor, Dave Schmelzer. (617) 252-0005, [www.cambridgevineyard.org](http://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](mailto: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](mailto: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/](http://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](mailto:office@ctkcambridge.org), [www.ctkcambridge.org](http://www.ctkcambridge.org)

**Harvard Bahá'í Student Association**  
[bahai@hcs.harvard.edu](mailto:bahai@hcs.harvard.edu)  
 All events are open to the public. Please write to [bahai@hcs.harvard.edu](mailto: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](http://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](mailto:swami_tyagananda@harvard.edu).

**Harvard Islamic Society**  
 Harvard Islamic Society Office. (617) 496-8084 [www.digitas.harvard.edu/~his](http://www.digitas.harvard.edu/~his)  
 Five daily prayers held in the basement of Canaday E.

(Continued on next page)

July 26—Sharon Kugler, Yale University  
 Aug. 2—The Rev. Dr. Sarah B. Drummond, Andover Newton Theological School

**Berkland Baptist Church**  
 99 Brattle St., Harvard Sq. (617) 828-2262, [dancho@post.harvard.edu](mailto: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](http://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](http://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](mailto:ldsostoninstitute@yahoo.com).

**Congregation Lion of Judah**  
 Spanish/English bilingual services 68 Northampton St., Boston, Mass. (617) 541-4455, [info@leondejuda.org](mailto:info@leondejuda.org), [www.leondejuda.org](http://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](http://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](http://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](mailto:jvonwald@hds.harvard.edu)  
 ■ HDS Thursday Morning Eucharist: 8:30-9 a.m.

**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. [epc@serlingpa.org](mailto:epc@serlingpa.org), [www.MeditationinBoston.org](http://www.MeditationinBoston.org).

**First Baptist Church in Newton**  
 848 Beacon St. Newton Centre, MA 02459 (617) 244-2997 [www.fbcnewton.org](http://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. First Church, 89 College Ave., Somerville. [www.firstchurchsomerville.org](http://www.firstchurchsomerville.org).

**First Reformed Presbyterian Church of Cambridge (RPCNA)**  
 53 Antrim St.

Cambridge, MA 02139 (617) 864-3185 [www.reformedprescambridge.com](http://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](http://www.cambridgepres.com)  
 Sunday Worship at 10 a.m.  
 Weekly small group for young adults; [pallikk@fas.harvard.edu](mailto:pallikk@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](http://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](mailto:migtse@earthlink.net), [www.sakya.net](http://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 Chabad** holds 10 a.m. morning services during the academic year; winter services at 6:30 p.m.; and services 15 minutes after sundown the rest of the year. Harvard Chabad, 38 Banks St. For additional programming, schedule, and information, (617) 547-6124, [www.chabadharvard.org](http://www.chabadharvard.org).

**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](http://www.hopefellowshipchurch.org).

**Old South Church, United Church of Christ, Congregational**  
 Copley Square, (617) 425-5145, [helen@oldsouth.org](mailto: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.

**Open Awareness Sangha** meets every Monday evening at 7:30 p.m. for meditation and discussion at Cambridge Friends Meeting House, Longfellow Park, off Brattle St. Inspired by the Tibetan traditions of Dzogchen and Mahamudra, services are open to all. (617) 297-2026, [www.openawareness-sangha.org](http://www.openawareness-sangha.org).

**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](http://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](http://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.





# Opportunities



Job listings posted as of June 11, 2009

**H**arvard 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 Fellow (Postdoctoral Fellow) Req. 36698,** Gr. 000  
Harvard School of Public Health/Health Policy and Management  
FT (5/28/2009)  
**Research Fellow (Postdoctoral Fellow) Req. 36426,** Gr. 000  
Harvard School of Public Health/Biostatistics  
FT (4/2/2009)

## Alumni Affairs and Development

**Director of Development, Corporations and Foundations Req. 36545,** Gr. 060  
Harvard Medical School/Resource Development  
FT (4/23/2009)  
**Executive Director of Alumni and Development Services Req. 36675,** Gr. 061  
Harvard Medical School/Office of Resource Development  
FT (5/21/2009)  
**Senior Development Officer Req. 36558,** Gr. 059  
Harvard Business School/External Relations  
FT (4/30/2009)

## Arts

**Stage Supervisor Req. 36724,** Gr. 055  
American Repertory Theatre/Production Department  
FT, SIC, (6/4/2009)

## Athletics

**Assistant Coach of Women's Tennis Req. 36670,** Gr. 055  
Faculty of Arts and Sciences/Athletics  
PT (5/21/2009)  
**Assistant Director of Strength & Conditioning Req. 36710,** Gr. 055  
Faculty of Arts and Sciences/Athletics  
PT, SIC, (6/4/2009)

## Communications

**Marketing Manager Req. 36767,** Gr. 056  
Faculty of Arts and Sciences/Athletics  
FT, SIC, (6/11/2009)

## Facilities

**Auxiliary Operating Engineer Req. 36410,** Gr. 029  
University Operations Services/Engineering & Utilities Union: ATC/IUOE Local 877, FT (4/2/2009)

## Faculty & Student Services

**Assistant Dean for Admissions Req. 36549,** Gr. 060  
Harvard Law School/Admissions  
FT (4/23/2009)  
**Assistant Registrar, Curricular Advisor Req. 36708,** Gr. 057  
Harvard Law School/Registrar's Office  
FT (6/4/2009)  
**Assistant Director of Financial Aid Req. 36652,** Gr. 057  
Division of Continuing Education/Financial Services/DCE  
FT (5/21/2009)  
**Clinical Instructor, Family Law Req. 36714,** Gr. 058  
Harvard Law School/Harvard Legal Aid Bureau  
FT (6/4/2009)

## Finance

**Associate Director (Capital Reserve) Req. 36630,** Gr. 060  
Financial Administration/Office of Treasury Management  
FT (5/14/2009)  
**Senior Grant Manager Req. 36719,** Gr. 056  
Harvard School of Public Health/Immunology and

Infectious Diseases  
FT (6/4/2009)  
**Senior Sponsored Research Administrator Req. 36601,** Gr. 056  
Harvard Medical School/Sponsored Programs Administration  
FT (5/7/2009)  
**University Controller Req. 36620,** Gr. 063  
Financial Administration/Vice President for Finance  
FT (5/7/2009)  
**Assistant Director of Sponsored Research Req. 36772,** Gr. 058  
Faculty of Arts and Sciences/Stem Cell & Regenerative Biology  
FT (6/11/2009)  
**Information Security Project Manager and Analyst Req. 36422,** Gr. 057  
Faculty of Arts and Sciences/FAS Office of Finance  
FT (4/2/2009)  
**Director of Financial Planning, Accounting & Reporting Req. 36734,** Gr. 061  
University Administration/Office of the President and Provost  
FT (6/4/2009)  
**Financial Analyst Req. 36527,** Gr. 056  
Faculty of Arts and Sciences/HSCI  
FT (4/23/2009)  
**Compliance/Risk Assessment Officer Req. 36705,** Gr. 057  
Harvard University Credit Union/Financial  
FT (5/28/2009)  
**Director of Financial Planning, Accounting & Reporting Req. 36735,** Gr. 060  
University Administration/Office of the President and Provost  
FT (6/4/2009)  
**Assistant Director of Sponsored Programs Req. 36424,** Gr. 058  
Harvard School of Public Health/Sponsored Programs Administration  
FT (4/2/2009)

## General Administration

**Senior Program Officer Req. 36655,** Gr. 056  
Harvard School of Public Health/Center for Health Communication  
FT (5/21/2009)  
**Department Administrator, Science Education Req. 36754,** Gr. 057  
Faculty of Arts and Sciences/Harvard College Observatory  
FT (6/11/2009)  
**Director of Administration Req. 36478,** Gr. 059  
Harvard School of Public Health/Global Health and Population  
FT (4/16/2009)  
**Program Director, State-Building and Human Rights in Afghanistan and Pakistan Req. 36718,** Gr. 058  
JFK School of Government/Carr Center for Human Rights Policy  
FT (6/4/2009)  
**Assistant Provost for Research Policy Req. 36649,** Gr. 061  
University Administration/Office for Research and Compliance  
FT (5/21/2009)  
**Regulatory Affairs Operations Manager Req. 36570,** Gr. 058  
Harvard Medical School/CTSC  
FT (4/30/2009)  
**Employment Coordinator (II) Req. 36748,** Gr. 055  
Harvard School of Public Health/Human Resources Union: HUCTW, FT (6/11/2009)  
**Assistant Director, Open Enrollment Programs Req. 36751,** Gr. 057  
Harvard Business School/Executive Education  
FT, SIC, (6/11/2009)  
**Senior Administrator of Physician Training Req. 36504,** Gr. 059  
Harvard Medical School/CTSC

FT (4/16/2009)  
**Executive Director Req. 36733,** Gr. 062  
Harvard Medical School/Autism Consortium  
FT (6/4/2009)  
**Associate Director for Neuroimaging Req. 36632,** Gr. 058  
Faculty of Arts and Sciences/Center for Brain Science  
FT (5/14/2009)  
**Assistant Director for Undergraduate Studies in Applied Mathematics Req. 36697,** Gr. 058  
School of Engineering & Applied Sciences/Academic  
FT (5/28/2009)

## Health Care

**Occupational Health and Safety Nurse Req. 36524,** Gr. 057  
Harvard Medical School/NEPRC  
FT (4/23/2009)

## Human Resources

**Associate Director Req. 36673,** Gr. 059  
University Administration/Office of the President and Provost/Harvard Human Resources  
FT (5/21/2009)

## Information Technology

**Systems Administrator Req. 36634,** Gr. 057  
Faculty of Arts and Sciences/Language Resource Center  
FT (5/14/2009)  
**Statistical Programmer/Analyst Req. 36728,** Gr. 056  
Harvard School of Public Health/Center for Population and Development Studies  
FT (6/4/2009)  
**Senior Developer/Associate DBA Req. 36746,** Gr. 058  
Division of Continuing Education/MIS  
FT (6/4/2009)  
**Senior Network Engineer Req. 36604,** Gr. 058  
Harvard Business School/Information Technology Group  
FT (5/7/2009)  
**Software Applications Developer Req. 36707,** Gr. 056  
Harvard School of Public Health/Office for Student Services  
FT (6/4/2009)  
**Systems Administrator Req. 36774,** Gr. 057  
University Information Systems/Network & Server Systems  
FT (6/11/2009)  
**Senior Software Engineer/Database Developer Req. 36694,** Gr. 058  
University Information Systems/ITIS/UIS  
FT (5/28/2009)  
**Web Developer Req. 36756,** Gr. 057  
Faculty of Arts and Sciences/Institute for Quantitative Social Science  
FT (6/11/2009)  
**IT Support Manager Req. 36762,** Gr. 058  
Faculty of Arts and Sciences/FAS IT  
FT (6/11/2009)  
**Technical Support Engineer Req. 36727,** Gr. 056  
Faculty of Arts and Sciences/FAS IT  
FT (6/4/2009)  
**Scientific Data Curator Req. 36505,** Gr. 056  
Harvard School of Public Health/Biostatistics  
FT (4/16/2009)

## Research

**Research Associate, Global Research Group Req. 36692,** Gr. 056  
Harvard Business School/Division of Research and Faculty Development  
PT (5/28/2009)  
**Research Coordinator Req. 36687,** Gr. 054  
Harvard School of Public Health/Nutrition Union: HUCTW, FT (5/28/2009)  
**Research Associate Req. 36759,** Gr. 056  
Harvard Business School/Division of Research & Faculty Development

FT (6/11/2009)  
**Bioinformatics Data Manager Req. 36612,** Gr. 056  
Harvard School of Public Health/Biostatistics  
FT (5/7/2009)  
**Statistical Programmer/Data Analyst Req. 36771,** Gr. 057  
Harvard Medical School/Health Care Policy  
FT (6/11/2009)  
**Research Associate Req. 36775,** Gr. 055  
Harvard Business School/Division of Research & Faculty Development  
PT (6/11/2009)  
**Statistician (III) (Empirical Research Statistician) Req. 36701,** Gr. 058  
Harvard Law School/Law Library  
FT (5/28/2009)  
**Research Associate Req. 36696,** Gr. 055  
Harvard Business School/Division of Research & Faculty Development  
PT (5/28/2009)  
**Research Associate Req. 36758,** Gr. 055  
Harvard Business School/Division of Research & Faculty Development  
FT (6/11/2009)  
**Statistical Programmer/Data Analyst Req. 36668,** Gr. 057  
Harvard Medical School/Health Care Policy  
FT (5/21/2009)  
**Research Assistant (II) - Non Lab (Research Specialist) Req. 36440,** Gr. 053  
Harvard School of Public Health/Nutrition Union: HUCTW, FT (4/9/2009)  
**Laboratory Manager Req. 36641,** Gr. 059  
School of Engineering & Applied Sciences/Wyss Institute  
FT (5/21/2009)  
**Head of Magnetic Resonance Physics Req. 36553,** Gr. 060  
Faculty of Arts and Sciences/Center for Brain Science  
FT (4/30/2009)  
**Bioinformatics Data Analyst Req. 36611,** Gr. 057  
Harvard School of Public Health/Biostatistics  
FT (5/7/2009)  
**Technical Staff Engineer - Electrical Req. 36683,** Gr. 058  
School of Engineering & Applied Sciences/Wyss Institute  
FT (5/28/2009)  
**Assistant Director of Research Operations Req. 36462,** Gr. 058  
Faculty of Arts and Sciences/Stem Cell & Regenerative Biology  
FT (4/9/2009)  
**Neurotechnology Engineer Req. 36554,** Gr. 057  
Faculty of Arts and Sciences/Center for Brain Science  
FT (4/30/2009)  
**Director of Environmental Health and Safety Req. 36757,** Gr. 062  
University Operations Services/Associate Vice President for Facilities and Environmental Services  
FT (6/11/2009)

## Special Listings

### 2009-2010 Preceptorships in the Harvard College Writing Program

The Harvard College Writing Program hires several preceptors each year. Salary and benefits are competitive. Contracts are for one year, renewable for up to five years. Undergraduate teaching experience at Harvard or a Ph.D. from a Harvard department (or advanced standing in graduate studies in a Harvard department) will be considered a plus. For information on the application process and requirements, please see <http://sites.harvard.edu/icb/icb.do?keyword=k24101&pageid=icb.page.122980>. Applications must be submitted both via mail and e-mail. Send hard copy applications to Hiring Committee, Harvard College Writing Program, 8 Prescott Street, Cambridge, MA 02138. E-mail applications to Mr. Doug Woodhouse at [woodhouse@fas.harvard.edu](mailto:woodhouse@fas.harvard.edu). You can learn more about the program at <http://sites.harvard.edu/icb/icb.do?keyword=k24101&pageid=icb.page.115294>

# Harvard-Yenching Institute's 22 visiting scholars, fellows

The Harvard-Yenching Institute has selected 22 visiting scholars and fellows from major universities in Asia. Established in 1928, the Harvard-Yenching Institute is an independent foundation dedicated to advancing higher education in Asia, with special attention to the study of Asian culture. The group of visiting scholars and fellows includes faculty members and advanced graduate students in the humanities and social sciences.

Selected visiting scholars come to Harvard for a year of research and collaboration with local faculty members, and visiting fellows come for a year and a half to work on their dissertation. Since 1953, more than 1,000 scholars and fellows from East Asia and Southeast Asia have received Harvard-Yenching Institute visiting scholarships and fellowships.

## Visiting scholars and their projects:

**Jin Cao**, associate professor, School of Journalism, Fudan University, Shanghai, China, "Women's Alternative Media in Mainland China"

**Lik-Kwan Cheung**, instructor, Department of Literature, Chinese University of Hong Kong, "Spatial Imagination and Cultural Politics in Chinese Leftist Writers' Travel Writings"

**Xiaocai Feng**, professor, Department of History, Fudan University, Shanghai, China, "Regional Association in Political Changes of Modern China: A Focus on Ningbo Native-

place Association"

**Fengfeng Gao**, associate professor, Department of English, Peking University, Beijing, China, "The Ancient Commentary Tradition in the Late Antiquity"

**Joon Han**, associate professor, Department of Sociology, Yonsei University, Seoul, South Korea, "The Origin and Consequences of Institutional Changes in Korea: From Colonial Modernity to Compressed Modernity"

**Suhua Hu**, professor, Institute of Chinese, Minzu University of China, Beijing, China, "Linguistic Characteristics of the 'Scripture of Ancestor's Road'"

**Natsumi Ikoma**, senior associate professor, Department of Literature, International Christian University, Tokyo, Japan, "Representation of Crisis in Contemporary Society: Mechanism of Monstrosity"

**Ryuta Itagaki**, assistant professor, Department of Sociology, Doshisha University, Kyoto, Japan, "Social History of Brewing in Modern Korea"

**Sung Ho Kim**, professor, Department of Political Sciences, Yonsei University, Seoul, South Korea, "To Make a Nation: Constitutional Norms, National Identity and State-Formation in South Korea, 1945-1948"

**Teilee Kuong**, associate professor, Department of Law, Nagoya University, Nagoya, Japan, "Development of the Concept of Property Rights in East Asian Transitional Markets

— Cambodia, China and Vietnam in Comparative and Historical Perspectives"

**Sung Yup Lee**, assistant professor, Institute for Research in Humanities, Kyoto University, Kyoto, Japan, "Re-examining the Relations Between the Imperial Diet of Japan and Colonial Korea"

**Hongliang Lü**, assistant professor, Department of Archaeology, Sichuan University, Chengdu, China, "Environment and Social Complexity: The Transition from the Neolithic to Bronze Age in the Highlands of Western Sichuan"

**Masayuki Sato**, assistant professor, Department of Philosophy, National Taiwan University, Taipei, Taiwan, "The Contextualization of International Xunzi Studies as a Basis for the Reconstruction of Confucian Ethics in the 21st Century"

**Wei Wang**, assistant research fellow, Institute of Linguistics, Chinese Academy of Social Sciences, Beijing, China, "Cases of *le*, *zhe* and *guo*: A Study of Chinese Aspectuality from a Typological Perspective"

**Xiaohong Wu**, professor, School of Archaeology and Museology, Peking University, Beijing, China, "Cultural Change in Ancient China: The Tempo of Transition in the Formative Period"

## Visiting fellows and their dissertation topics:

**Myunghui Ha**, Ph.D. candidate, Depart-

ment of English, Ewha Womans University, Seoul, South Korea, "The Importance of Things in Defoe's Fiction of Self, Nation, and Empire"

**Misato Ido**, Ph.D. candidate, Center for Philosophy, University of Tokyo, Tokyo, Japan, "Cosmology of Tsukinami-Fuzoku-zu Byobu"

**Dae Hong Kim**, Ph.D. candidate, College of Law, Seoul National University, Seoul, South Korea, "Application of the Great Ming Code and Due Process of Law"

**Han Sang Kim**, Ph.D. candidate, Department of Sociology, Seoul National University, Seoul, South Korea, "World-picture Visualized: An Analysis of Propaganda Films Made in South Korea"

**Hunmi Lee**, Ph.D. candidate, Department of International Relations, Seoul National University, Seoul, South Korea, "Power, Knowledge, and International Relations: Rethinking the Enlightenment Reform Movement in Korea, 1905-1910"

**Wun-Sze Sylvia Lee**, Ph.D. candidate, Department of Fine Arts, Chinese University of Hong Kong, "Negotiation, Status, and Power: Garden Strategies of Elite Women in Jiangnan: China in the 17th Century"

**Okja Seo**, Ph.D. candidate, Department of Anthropology, Kyoto University, Kyoto, Japan, "Selling Sex, Selling Emotion: An Ethnography of U.S. Military Camp Towns in South Korea"

## Green

(Continued from page 1)

This year, an estimated 2,150 celebrants showed up for the 1984 bash: 850 Class members, 500 spouses, and 800 children. "It's a new record," said Michele Blanc, senior associate director of classes and reunions for the Harvard Alumni Association.

That's a small town's worth of people. They required a lot of food, a lot of lights at night, a lot of water, and a lot of refillable cups at a lot of portable bars.

But 25th reunion planners banned bottled water at events, set tables with plates and utensils that turn into compost, rode bio-diesel buses, and kept paper to a minimum with few mailings, a flurry of e-mail, and an interactive Web site.

This Reagan-era class was already famous for including public service work in its reunions years ago. (This year, it was a Saturday morning "green-up" clean-up along the Charles River.)

Now the Class shares a collective hope that Harvard's first explicitly green reunion will be its lasting gift to future Class reunions — a template they can use, expand upon, and enjoy.

There's no formal template in place yet, said Blanc, but "I'm sure '85 will follow in '84's footsteps."

"We set the groundwork," said Anne S. Holtzworth '84, a Boston-area political consultant still hoarse from catching up with old classmates last week. "Maybe next year they can go further."

There are already glimmerings that going green might become standard practice at Harvard reunions.

Jason Luke '94 said of the 1984 event, "Things they're doing will be what a lot of reunions in the future do."

Luke, who was co-chair of his 15th reunion this year, is associate director of custodial and support services at Harvard's Facilities Maintenance Operations. For more than a decade he's been in charge of infrastructure, water, and energy at every Commencement.

Many Harvard events already emphasize composting over recycling and recycling over trash, he said. But sometime in the future, Luke predicted, the waste standard for Harvard events will be 100 percent composting.

The green theme was a hit among those returning

Class of 1984 attendees at the reunion signed a version of the **Harvard Sustainability Pledge** before arriving in Cambridge, [www.green.harvard.edu/pledge](http://www.green.harvard.edu/pledge)

**Class of 1984 takes giant step in reducing carbon footprint**  
[www.news.harvard.edu/gazette/2009/06.04/green.html](http://www.news.harvard.edu/gazette/2009/06.04/green.html)

for the 1984 reunion. "People got into the spirit of it," said Holtzworth.

The spirit will last, apparently. Without scolding, the planners will ask this year's 25th reunion registrants to make up for the carbon they spent getting here — by taking the next year to make energy-reducing lifestyle adjustments.

An exact calculation for the required reduction is forthcoming, said Gary Pforzheimer '84, co-chair of the green reunion committee.

But reducing energy at home has more meaning, and carries more educational punch, he said, than just buying carbon offsets in the marketplace.

As it happens, the Class of 1984 is already primed to offset carbon at home.

According to a Class survey taken before the reunion, two-thirds of the 467 respondents "always or usually" recycle paper and plastic, turn out lights, lower thermostats, and use efficient appliances.

More than a hundred commute by bicycle. Ninety classmates — about 20 percent of survey respondents — drive hybrid cars.

For more glimpses of energy frugality, look in the Class' book-length 25th anniversary report. One former Wall Street lawyer gave up taxis in favor of a foot-powered scooter. A magazine writer, also in New York City, noted that his family has no car — but three strollers.

The Class of 1984 has an apparent penchant for Earth-saving exercise. Among the brain surgeons, concert violinists, and financiers are a steady tide of marathoners, triathletes, swimmers, cyclists, duckpin bowlers, fencers, sailors, scuba divers, cricketers, and at least one member of an all-gay mountaineering team.

Holtzworth speculated that some of the ideas for offsetting carbon at home would come from the Harvard Sustainability Pledge. Class of 1984 attendees at the reunion signed a version of the pledge before arriving in Cambridge.

Meanwhile, none of the food at the reunion was from more than 250 miles away, said Pforzheimer, and waste often went straight to compost.

The 25th reunion was alive with messages about green living, but it was still fun, he said. "Nothing we did got in the way of a good time."



*The green activities of the Class of '84 will set the stage for many reunions in the future. The waste standard for Harvard events will probably end up being 100 percent composting.*

Jason Luke '94



*Reducing energy at home has more meaning, and carries more educational punch, than just buying carbon offsets in the marketplace.*

Gary Pforzheimer '84

# Fresh, local, and in your back Yard

*Farmers' markets open up for the season in Cambridge and Allston*

By **Corydon Ireland**  
*Harvard News Office*

One of the many months of New England farm abundance, June gives us fresh beets, cabbage, collards, kale, greens, radishes, and rhubarb.

June also gives us the start of Harvard's two weekly farmers' markets, open for the season through October.

Organizers promise a celebration of fresh, regional goods from a medley of vendors: bakers, beekeepers, chocolatiers, cheese makers, and local farmers.

The regional farmers, none farther than 50 miles from Harvard Yard, provide the poem of produce that marks every month of

Harvard's Office for Sustainability. "Everyone eats."

Farmers' markets are sustainable in many ways, she said. "They bring communities together, create jobs, provide educational opportunities, and open access to healthy foods."

Farmers' markets provide local and in-season food that minimizes transportation from farm to table, said Henriksen. (By one estimate, a typical carrot travels more than 1,800 miles to reach the dinner table.)

"The farmers pick the produce the morning it's sold," said McCulla of the Harvard markets. "It's important for shoppers to know it's so fresh and so close."

Farmers' markets are also classrooms of a sort. Shoppers can pick up cooking tips,

fresh local breads, dessert sauces, jams, pies, pastries, artisan honeys, and regional chocolates.

"All these new taste experiences make everything worth it," said Martin. "It's fun to be at the market and see people unable to resist eating what they just bought."

Both markets will accept Food and Nutrition Service (FNS) food stamps, Women, Infant & Children (WIC) vouchers, and Senior Farmers' Market Nutrition Program (SFMNP) coupons.

Vendors at the Allston market will also accept Boston Bounty Bucks, which in Boston double the value of food stamps for purchases of between \$1 and \$10.

New this year at the Cambridge market is Cape Ann Fresh Catch, a community-supported fishery. Buy a share or a half-share and you get part of the weekly catch from the seas off Gloucester, Mass. — hake, dabs, grey sole,

## Upcoming farmers' markets

The Harvard University Dining Services (HUDS) Farmers' Market opens Tuesday (**June 16**) and runs every Tuesday from 12:30 to 6 p.m. through Oct. 27. It's near the corner of Oxford and Kirkland streets.

The Allston Farmers' Market (sponsored by the Allston Development Group in partnership with HUDS) opens **June 19** and runs from 3 to 7 p.m. every Friday through Oct. 30. It's at the corner of N. Harvard Street and Western Avenue.

On **June 26**, the market in Allston will include a Sustainability Fair: food tasting, tips on sustainable living (like ways to compost), a raffle, and children's activities.

**To learn more**, go to [www.dining.harvard.edu/flp/ag\\_market.html](http://www.dining.harvard.edu/flp/ag_market.html).

**To sign up for a weekly farmers' market e-mail newsletter**, write to [farmersmarket@harvard.edu](mailto:farmersmarket@harvard.edu).

**For a guide to fresh local foods in season**, go to [www.healthyharvest.org](http://www.healthyharvest.org), a site maintained by Harvard Medical School's Center for Health and the Global Environment.

File Stephanie Mitchell/Harvard News Office



**Freshly harvested produce brings color and taste to the farmers' markets at Harvard and in Allston, both opening for the season in June.**

the growing season: the snap peas of June, the peaches of July, the corn of August, the peppers, pears, and pumpkins of September — and more.

Last year the Cambridge market (which opened in 2006) doubled in size. "It gets bigger every year," said Theresa McCulla '04, administrator of the Food Literacy Project at Harvard University Dining Services (HUDS).

Farmers' markets illustrate "very explicitly" what food literacy means, she said: "a constant mindfulness" about what we eat.

McCulla, a onetime Romance languages concentrator, gave up a job as a media analyst with the Central Intelligence Agency to pursue her true passion in life: good food — and the nutrition it offers, the beauty it possesses, and the community it engenders.

She and other experts see farmers' markets as a way of getting the freshest food, learning how to prepare it, and meeting the people who grow it.

And at markets like this, said McCulla, the money you spend goes directly to producers. (For food sold in a supermarket, farmers get only about 17 cents of every dollar.)

Then there's sustainability: the practice of living within our means, environmentally speaking.

"Food is a gateway issue for sustainability," said Heather Henriksen, director of Har-

vard's Office for Sustainability. "Everyone eats."

Last year, McCulla — who directs the market near Harvard Yard — saw a shopper walk by, eating from a pint of Concord grapes. He asked his friend, "Have you tasted these grapes? They're not *normal* grapes."

"I love overhearing things like that," she said.

"A farmers' market is actually a chance to see what's happening seasonally," said Crista Martin, HUDS director of marketing and communications. "It's such a different experience to get a bean when it's available — fresh that day."

The markets are a culinary history lesson too, she said. "It gives me an appreciation of what it must have been like to eat in New England" before the advent of supermarkets.

Martin, who grew up on a family farm in Delaware, is astonished all over again every year at the variety — sometimes the oddity — of regional foods at the markets — like bright orange squash blossoms, and long beans from a Hmong farmer who grows Asian vegetables and herbs.

Then there are "tomatoes of every color," said Martin: purple, green, and variegated reds. "They're beautiful."

In season, there are maxixe, said McCulla — cucumberlike vegetables that look like spiky green pine cones. And don't forget the

flounder, cod — "whatever's abundant," said McCulla, "super-fresh and never frozen."

The farmers' markets will reach beyond food. During a June 26 kick-off celebration at the Allston market, landscaping experts from Harvard's Facilities Maintenance Operations will offer tips on home-scale organic composting, modeled on efforts already under way at the University.

The Office for Sustainability will have a display set up too. It will have top-10 tips on sustainable living, lessons in low-impact transportation and energy usage, and activities like a water tasting, a recycling game, and more.

Other special events will take place in Allston through the season.

In the market near Harvard Yard, local chefs will offer weekly food demonstrations, using ingredients from vendors at tents and tables nearby. (On June 16, the guest chef will be Jody Adams of the Rialto Restaurant in Cambridge.)

Farmers' markets also give shoppers a refreshed sense of community, said Martin. "It's one of those times you get the best-of-the-neighborhood feeling."

And it gives shoppers a glimpse of a largely hidden world: artisan shops, corner bakeries, and — most of all — local farms.

"We do lose track, riding on the T every day," said Martin. "These guys are operating just beyond the edge of town."

# Peabody Museum receives grant to preserve maps, plans, and drawings



Image courtesy of Peabody Museum

The Peabody Museum of Archaeology and Ethnology has been awarded a \$150,000 grant from the U.S. Institute of Museum and Library Services (IMLS). Over the next 18 months, the museum will improve teaching and research access, preservation, and storage for its map collection of nearly 4,000 unique, hand-drawn, and annotated documents dating as early as the 1840s. The historic maps and other documents from research expeditions are associated with the museum's collections and with Harvard's Department of Anthropology

## preservation

**Watercolor of mural painting, 'Temple of the Warriors, Chichen Itza,' by Ann Axtell Morris. Works by Morris and others will be conserved and moved to a dedicated storage area for better preservation access.**

fieldwork of the past 140 years. They include ethnographic and linguistic field maps, site plans, large-sized watercolors, and sketches of archaeological sites and artifacts from North, Central, and South America and beyond. There are also architectural drawings documenting American anthropological history as well as vital records of the Peabody Museum, the oldest museum dedicated to anthropology in the Western hemisphere.

Jeffrey Quilter, deputy director for curatorial affairs and curator of Intermediate Area collections, offers an example of one of the collection's important highlights: "Alfred V. Kidder's work at Pucara, Peru, was pathbreaking. As in so many cases of Peabody Museum research, the investigations there were in the vanguard of research for its day, and the materials remain highly important today. The Pucara work has been underpublished, and access to these materials is vital for ongoing scholarship."

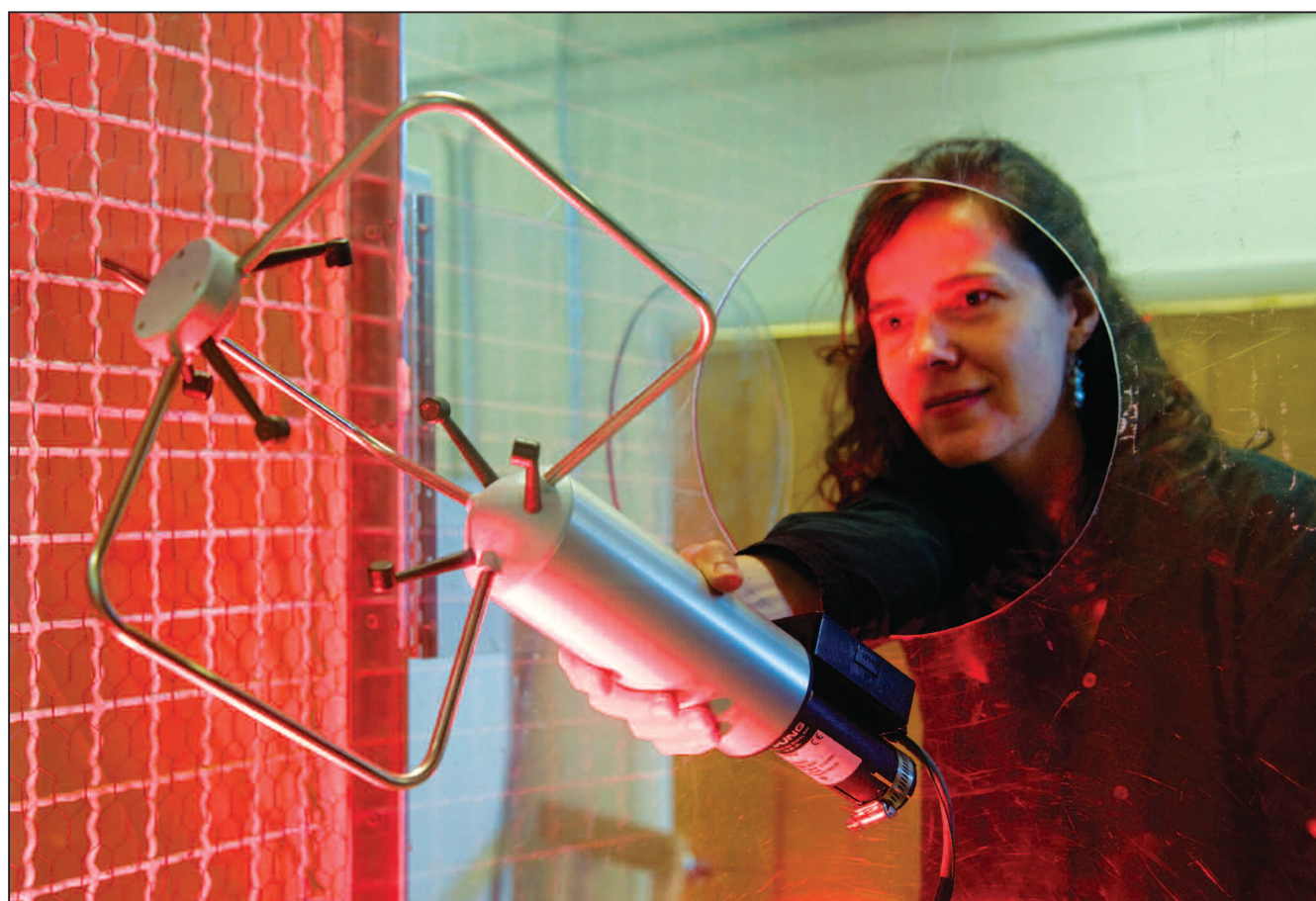
## Trading energy for safety, bees extend legs to stabilize

*Turbulence hampers flight for various bee species, and possibly other insects*



Image courtesy of Stacey Combes

**Scientists used high-speed video to measure bees' maximum flight speed as they were buffeted by varying levels of environmental turbulence.**



Jon Chase/Harvard News Office

**Stacey Combes, assistant professor of organismic and evolutionary biology in the Faculty of Arts and Sciences, uses an anemometer to measure wind velocity in a wind tunnel.**

**By Steve Bradt**  
*FAS Communications*

New research shows some bees brace themselves against wind and turbulence by extending their sturdy hind legs while flying. But this approach comes at a steep cost, increasing aerodynamic drag and the power required for flight by roughly 30 percent, and cutting into the bees' flight performance.

**evolutionary biology**

The findings are detailed in the Proceedings of the National Academy of Sciences.

"Wind is a universal part of life for all flying animals," says Stacey Combes, assistant professor of organismic and evolutionary biology in Harvard University's Faculty of Arts and Sciences. "Yet we know remarkably little about how animals navigate windy conditions and unpredictable airflows, since most studies of animal flight have taken place in simplified environments, such as in still air or perfect laminar flows. Our work shows clearly that the effect of environmental turbu-

lence on flight stability is an important and previously unrecognized determinant of flight performance."

Together with Robert Dudley of the University of California, Berkeley, and the Smithsonian Tropical Research Institute, Combes studied 10 species of wild orchid bees (also called euglossine bees) that fly at high speeds for tens of kilometers each day seeking food and other resources. Males of these species are especially motivated to collect aromatic scents in pouches on their oversized hind legs, which are then used in mating displays that attract females.

Because male orchid bees are so strongly attracted by scents, they will readily traverse severe conditions, such as those created when Combes and Dudley set up powerful air jets in the bees' Panamanian jungle habitats. Using high-speed video, the scientists measured the bees' maximum flight speed as they were buffeted by varying levels of environmental turbulence. In every case, the bees displayed a side-to-side rolling motion at high flight speeds, negotiating the turbu-

lence by extending their rear legs while in flight.

"This increases the bees' moment of inertia and reduces rolling," Combes says, "much like a spinning ice-skater who extends her arms to slow down."

This rolling increased with flight speed until the bees were rolled to one side or the other roughly 80 percent of the time, at which point the bees would become unstable and either crash to the ground or be blown from the airstream. Bees were able to reach higher speeds when flying in lower levels of turbulence, altered through the use of different types of screens to deflect airflow in the air jet.

While Combes and Dudley studied only 10 species of euglossine bees, Combes says that this stabilizing behavior is likely to be seen across Hymenoptera, the order of insects that includes bees, wasps, ants, and sawflies, and that turbulent airflow may decrease the flight performance of many other flying insects as well.

Combes and Dudley's work was sponsored by the Miller Institute for Basic Research in Science.

## NEWSMAKERS

## FAS confers 17 Mind, Brain, and Behavior certificates

The Faculty of Arts and Sciences (FAS) Standing Committee on Mind, Brain, and Behavior (MBB) conferred certificates in Mind/Brain/Behavior to 17 seniors in a ceremony held at the Harvard Faculty Club on June 3. The certificates are awarded to students who have satisfied the requirements of the MBB interdisciplinary honors undergraduate program, including the completion of specific course work and research, and the submission of a thesis. The committee is co-chaired by Richard W. Wrangham, the Ruth Moore Professor of Biological Anthropology and curator of primate behavioral biology in the Peabody Museum of Archaeology and Ethnology, and Sean D. Kelly, professor of philosophy. At the ceremony, Wrangham and Marc D. Hauser, professor of psychology, offered remarks and were joined by other members of the standing committee and MBB faculty in congratulating the seniors on their accomplishments.

Students receiving certificates were **Adriana Lee Benedict** (history and science), **Jordan Alexander Comins** (human evolutionary biology), **John Joseph Costa** (anthropology), **Christine Eckhardt** (neurobiology), **Marina Fisher** (linguistics), **Jesse Meeker Kaplan** (history and science), **Alana Mendelsohn** (neurobiology), **Roland Charles Nadler** (philosophy), **Gregory Angelo Poulos** (computer science), **Rachel Lily Reardon** (psychology), **Jay S. Reidler** (neurobiology), **Sunny Xiaojing Tang** (biology), **David James Tischfield** (neurobiology), **George Vidal** (neurobiology), **Brandon C. Weissbourd** (human evolutionary biology), **Emma Yihmang Wu** (linguistics), and **Kathy Chensheng Zhang** (biology).

## 'Remembering Awatovi' wins independent publisher award

For her book "Remembering Awatovi: The Story of an Archaeological Expedition in Northern Arizona, 1935-1939," (Peabody Museum Press, 2008) Hester A. Davis has won the 2009 Independent Publisher Gold Award for Best Regional Non-Fiction. The IPPY awards recognize outstanding books created by members of the independent publishing industry. More 700 entries were received from across the U.S. and Canada. The regional "IPPYS" were designed to spotlight the best regional titles from around North America. Books were judged alongside books for and about their regions only, based on their quality and regional significance.

— Compiled by Gervis A. Menzies Jr. and Sarah Sweeney  
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Photo © Luc Hossepied

LCD screens provide a real world reference against the opera's fifth-dimensional scenery during a recent lighting and video check.



© H. Parra &amp; Tritó Edicions (Barcelona)



File Justin Ide/Harvard News Office

Fragment of the score (left) of Hèctor Parra and Lisa Randall's 'Hypermusic Prologue: A Projective Opera in Seven Planes.' Randall (above) wrote the text and Parra wrote the music. Artist Matthew Ritchie designed the sets.

# Physics for musical masses

*Theoretical physicist Lisa Randall pens other-dimensional opera*

By Alvin Powell  
Harvard News Office

Harvard physicist Lisa Randall is taking Paris' operagoing public to the fifth dimension this month, working with a composer and artist to present an opera that incorporates Randall's theories about extra dimensions of space.

Randall, a theoretical physicist whose ideas were presented in her 2005 book, "Warped Passages: Unraveling the Mysteries of the Universe's Hidden Dimensions," wrote the libretto for the opera, which is to be presented June 14 and 15 at Paris' Pompidou Center.

Randall, who plans to be there for the premiere, said the opera is an opportunity to present to a new audience the ideas of physics and the notion that the universe is a more complex and subtle place than our daily experience may indicate.

"There are a lot of people who have never read a book about physics who still want to understand the new ways we think about the universe," Randall said. "People will follow only so much literally, but the [opera presents the] idea that there is a bigger space to explore and that connections can be re-

vealed that are harder to see from the perspective of a lower-dimensional world."

The work, called "Hypermusic Prologue: A Projective Opera in Seven Planes," tells the story of a man and a woman who have different views of the world. The baritone looks at the world around him and is satisfied with what he sees and the sense of reality it gives him. The soprano, a physicist and composer, has a more open view of reality and a more questing spirit. She travels to and explores a fifth dimension. The opera is a musical conversation between the two.

"It was fascinating to work with the artist and director to try to solve the challenges of staging something like this, trying to show the contrast between his limited world and her more open world, keeping the baritone's space more restrictive without being too small and theatrically boring," Randall said.

Randall wrote the text for the opera while Spanish composer Hèctor Parra wrote the music. Artist Matthew Ritchie designed the sets.

The project began shortly after Randall published "Warped Passages" in 2005. She was contacted by Parra, the son of a physicist who had read the book and thought its ideas would make an interesting opera.

"What I saw was the possibility to play with the relationship between energy, mass, and time ... to make two people live inside this model," Parra said.

Parra said he just jumped in after the idea came to him, sending Randall a long e-mail explaining what he wanted to do. Randall, who has no music background but who explores art and music and has a keen interest in

explaining the ideas of physics to the general public, was intrigued by the idea. The two corresponded by e-mail and then met in Berlin in 2006. Randall said she thought that extra dimensions would be a good metaphor for exploration and creativity.

"We met a couple of times to figure out what would work. I sort of had the general concept from the beginning, but of course it has evolved since then," Randall said. "It's a very exciting project, combining musical and scientific ideas.

We all found our repertoires expanded."

Though the opera doesn't seek to directly map the theories of physics onto the artistic world of opera, Randall said it contains more ideas from physics than she originally intended. Both Parra and Ritchie urged her to include more, she said.

While the sets are designed to evoke otherworldly space, the music expresses the ideas of physics as well, Parra said.

The man's baritone voice is projected from a single speaker close to the character, while the woman's soprano is projected from multiple speakers around the auditorium. Her voice is also distorted electronically, compressed for some sections, while the baritone is time-delayed, as if it were losing energy. In her journey, the woman discovers the unification of the four basic forces of nature, with music representing their different characteristics: long and slow for gravity, which operates across the vast distances of space, and high-pitched and insectlike for the strong force, which acts within the atomic nuclei.

"It's the ideas and feelings [of the theories]. ... I don't use the mapping of data," Parra said. "The audience isn't obligated to understand anything Lisa does. They will feel anguish, they will feel unification and accomplishment. ... They can enjoy the voices and the sound itself without knowing the specific equations."

The opera, which is in English, will be performed in Barcelona in November and possibly in other locations around Europe.

"Physicists try to know reality," Parra said, "while artists try to create a world."