



357th Harvard Commencement

As Commencement closes another chapter of the Harvard story, here is a brief backward glance at some highlights of the year that was.

June 2007

Harvard and the city of Cambridge celebrate the **Blackstone renovation** (completed in 2006), which converted 46 Blackstone South into Harvard office space near Western Avenue and Memorial Drive. Harvard-donated property across the street (a 1922 utility switch house) was transferred into 33 units of affordable housing . By earning the highest rating of the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) program, Blackstone became the first LEED Platinum total-renovation project east of the Mississippi, the first in higher education, and the first in a pre-1900 building.

July 2007

Drew Faust moves into Massachusetts Hall to take up duties as Harvard's 28th president.

Michael D. Smith, the Gordon McKay Professor of Computer Science and Electrical Engineering, becomes dean of the Faculty of Arts and Sciences.

The **National Weather Service** declares Harvard **"StormReady,"** certifying that the University is prepared to respond quickly and properly to severe weather. Harvard is the first university in New England and the first Ivy League school to earn the three-year renewable certification.

A Harvard delegation visits the V era Foundry in Russia's Voronezh region, where Russian Orthodox Patriarch **Alexey II** blesses a set of **Russian bells** newly replicated from the 17 bells that have graced **Lowell House** since the early 1930s. After years of negotiation, Harvard earlier agreed to return the original bells (ranging from 22 pounds to 13 tons) to Moscow's Danilov Monastery, their original home.

September 2007

Jeffrey S. Flier, the Carolyn Shields Walker Professor of Medicine, becomes dean of the Faculty of Medicine.

The **Business School** launches the **2+2 Program**, which grants college students early acceptance to the two-year M.B.A. program at the beginning of their senior year, provided that they graduate and complete two years of approved work experience with any of about 100 participating organizations. The program seeks to expand the School's applicant pool to students who might not ordinarily consider a business degree or career.

Richard Taylor, the Herchel Smith Professor of Mathematics, shares the Sha w Prize in Mathematics with Princeton's **Robert Langlands**. The award recognizes their work in unifying the fields of prime numbers and symmetry.

Quincy House gets new co-masters: Microbiology and Molecular Genetics Professor **Lee Gehrke** and his wife, artist **Deborah Gehrke**. The couple ser ved as acting co-masters in 2006-07.

Bostonians **Peter Brooke** '52, M.B.A. '54 and his wife **Anne Brooke** announce plans to give their collection of 18 17th century Dutch and Flemish paintings to the University Art Museums.

Nine Harvard scientists receive five-year grants totaling \$15 million from the **National Institutes of Health** through the NIH Director's Pioneer Award and the NIH Director's New Investigator Award programs. Pioneer Award recipients: Anaesthesia Professor **Emery N. Brown**, Molecular and Cellular Biology/Neurology Professor **Takao Hensch**, and Neurology Professor **Frances Jensen**. New Investigator Award recipients: Immunology and Infectious Diseases Assistant Professor **Sarah Fortune**; Medicine Instructors **Levi Garraway** and **Konrad Hochedlinger**, Medicine Assistant Professor **Nir Hacohen**, Surgery Assistant Professor **Mark Johnson**, and Chemistry and Chemical Biology Assistant Professor **Alan Saghatelian**.

Harvard announces an agreement with the state's Executive Office of Energy and Environmental Affairs to **limit greenhouse-gas emissions** in the proposed 589,000-square-foot **Allston Science Complex** to one-half the amount produced by a typical laboratory building already meeting current national standards. The agreement is the first in the nation to legally bind a developer to reducing greenhouse gases beyond existing standards.

Sacvan Bercovitch, the Powell M. Cabot Professor of American Literature *Emeritus*, wins the **Bode-Pearson Prize** of the American Studies Association.

The **Harvard Foundation** for Intercultural and Race Relations presents its medal to Dominican Republic President **Leonel Antonio Fernández Reyna** for his creation of the Foundation for Global Democracy and Development.

Former U.S. Representative **James A. Leach** (Iowa) becomes director of the Kennedy School's **Institute of Politics**.

The Provost's Office approves a five-year budget and business plan to support the **Advanced Leadership Initiative** being developed by 13 faculty members. All will recruit senior leaders in business, law, the military, banking, education, and other professions who have reached the top of their game and are ready for a life of public service. Plans call for a pilot program of some 20 Senior Leadership Fellows by late 2008.

Drew Faust gives her first remarks as president at **Morning Prayers** in Appleton Chapel.

The Division of Engineering and Applied Sciences becomes the **School of Engineering and Applied Sciences**, the first new Harvard school since 1936.



Staff file photo Jon Chase/Harvard News Office
Harvard Stadium's first night game was a winner.

When the Graduate School of Public Administration (now the Kennedy School of Government) was established, former DEAS Dean **Venkatesh Narayanamurti** heads the new school.

Before a **Stadium** crowd of 18,898, Harvard plays and wins its first **night football** game (24-17, against Brown), thanks to lights installed in October 2006. Plans call for one night game per season.

Dee Aker, deputy director of the Joan B. Kroc Institute for Peace & Justice (University of San Diego), arrives as the first **Phillips Brooks House Fellow**.

On the corner of Brattle and Story streets, the **Harvard Extension School** opens a state-of-the-art **distance-education facility** that allows online students around the world to take part in Cambridge-based classes.

October 2007

Drew Faust is formally installed as Harvard's 28th president.

Tamara Elliott Rogers becomes vice president for alumni affairs and development. Rogers previously served as associate dean for advancement and planning at the Radcliffe Institute for Advanced Study.

The Boston Redevelopment Authority approves Harvard's plans for the four-building **Allston Science Complex**, which will house the **Harvard Stem Cell Institute** and other emerging interdisciplinary scientific projects at Harvard. The complex will create 1 million square feet of new research space.

The **J.P. Lemann family** makes a major gift to endow the **Brazil Studies Program**.

The **Harvard Stem Cell Institute** holds a two-day **Stem Cell Summit** drawing some 500 leading international scientists and nonscientists in the field.

Supported by a two-year \$400,000

grant from the Henry Luce Foundation, the **Belfer Center** for Science and International Affairs (Kennedy School of Government) launches its interdisciplinary **Initiative on Religion in International Affairs**, led by Public Policy Associate Professor **Monica Duffy Toft** and **J. Bryan Hehir**, the Parker Gilbert Montgomery Professor of the Practice of Religion and Public Life.

Philadelphia's Board of Directors of City Trusts confers the 2007 **John Scott Medal** upon **Joseph P. Vacanti**, the John Homans Professor of Surgery and a pioneer in human tissue engineering. Given since 1834, the award salutes those whose inventions have made outstanding contributions to human comfort, welfare, and happiness."

After a grand renovation and a 30,000-square-foot expansion, the old **Hasty Pudding Theatre** (12 Holyoke St.) is dedicated as the **New College Theatre**.

The Memorial Church celebrates the publication of the fourth edition of **"The Harvard University Hymn Book."**

The University announces the creation of a **South Asia Initiative** designed to enhance Harvard's scholarly activities related to that part of the world. Chaired by **Sugata Bose**, the Gardiner Professor of Oceanic History and Affairs, an SAI steering committee will work to expand the number of professorships focusing on South Asia, increase the number of scholarships and fellowships for students from the region, facilitate travel to the area for students and faculty, and bring more South Asian speakers to Harvard.

For the first time, the University's **recycling rate** exceeds 50 percent. In 2002, the monthly record stood at 34 percent.

November 2007

During the annual Veterans Day Commemoration of Benefactor's and of the War Dead, the **Memorial Church** celebrates the 75th anniversary of its dedication.

President **Drew Faust** creates a University-wide task force to examine the role of the arts (curricular and extracurricular) at Harvard, with an eye toward enhancing and supporting greater integration of the arts into University life. Cogan University Professor **Stephen Greenblatt** chairs the group.

The **Harvard Humanitarian Initiative** sends medicine instructor **Susan Bartels** and University of Illinois gynecologist **Megan App** to the Panzi Hospital in the eastern **Congo** to help doctor's ministering to girls and women brutalized during the long-standing onslaught of large-scale sexual and other physical atrocities there.

Rhodes Scholarships go to two seniors and a recent graduate: **Clara L. Blättler** '08, **Sammy K. Sambu** '08, and **Shayak Sarkar** '07.

Richard Pipes, the Frank B. Baird Jr. Professor of History *Emeritus*, and **Ruth R. Wisse**, the Martin Peretz Professor of Yiddish Literature, receive the National Humanities Medal at the White House.

Harvard School of Public Health Dean **Barry R. Bloom** announces his intention to step down at the end of June 2008.

The Law School's **Berkman Center for Internet & Society** receives \$4 million from the John D. and



Staff file photo Justin Ide/Harvard News Office
Surrounded by men of the cloth prior to her installation as president, Drew Faust prepares for a Thanksgiving service in the Memorial Church.

Catherine T. MacArthur Foundation. It is the largest gift in the center's history.

The Rev. Professor **Peter J. Gomes**, the Plummer Professor of Christian Morals and Pusey Minister in the Memorial Church, journeys to London's Southwark Cathedral to help celebrate the 400th anniversary of **John Harvard's** birth and baptism.

Harvard joins in celebrations for the 200th anniversary of Boston's **Allston-Brighton** community.

The trust of late media executive **Frank Stanton** gives \$1 million each to the Kennedy School of Government (for an annual lecture on freedom of the press), the Law School (for a postgraduate fellowship on the First Amendment), and the Harvard School of Public Health's Center for Health Communication.

The Game. Harvard wins, 37-6, taking the Ivy League crown in a perfect season. Both teams enter the Yale Bowl with perfect seasons — the first such matchup since the fabled 29-29 contest of 1968.

December 2007

Harvard Management Company President **Mohamed A. El-Erian** steps down to return to his former company, the Pacific Investment Management Co.

The Kennedy School's **Center for Public Leadership** receives a \$20 million bequest from Alan L. Gleitsman establishing the **Gleitsman Program in Leadership for Social Change**. The program will train students to become leaders as social entrepreneurs and social activists.

The University and **Charlesview Inc.** sign a purchase-and-sale agreement that will result in the construction of a **new apartment complex for Allston** residents on Harvard-owned land. As part of the agreement, Charlesview Inc. will exchange its land at Western Avenue and North Harvard Street for 6.9 acres of Harvard land farther west on Western Avenue. The swapped Charlesview land will become part of Harvard's future Allston campus.

President **Drew Faust** and FAS Dean **Michael D. Smith** announce a **new financial-aid program** to make the College more affordable for middle-income families. The new program reduces the expected family contribution from households with incomes below \$180,000, replaces student loans (in financial aid packages) with Harvard grants, and eliminates home equity as a factor in determining a family's ability to pay for college.

January 2008

Mohsen Mostafavi, former dean of the Cornell College of Architecture, Art and Planning, becomes dean of the **Graduate School of Design**.

Donald Pfister, the Asa Gray Professor of Systematic Botany, becomes dean of the Harvard **Summer School**.

Allan M. Brandt, the Amalie Moses Kass Professor of the History of Medicine, becomes dean of the **Graduate School of Arts and Sciences**.

Harvard adopts a coordinated, **University-wide academic calendar** that takes effect in 2009-10. One long-sought boon to students: midyear exams in December, before winter recess.

College applications soar to an all-time high of 27,462 in Harvard's first year after ending the Early Action program. (The previous record, set in 2007, was 22,955.) The huge pool also produces the



Staff file photo Justin Ide/Harvard News Office
The New College Theatre opens to fanfare in what was once the Hasty Pudding Theatre on Holyoke Street in Cambridge.

lowest admission rate (7.1 percent) in College history.

February 2008

Hasty Pudding Theatricals picks **Charlize Theron** as Woman of the Year and **Christopher Walken** as Man of the Year.

The **Northeast Asian History Foundation** gives a five-year, \$1 million grant supporting the Korea Institute's **Early Korea Project**.

To enhance the distribution of faculty research and scholarship, the Faculty of Arts and Sciences votes



Staff file photo Justin Ide/Harvard News Office
Dean of Admissions William Fitzsimmons visits Bluefield, W.Va., on a 'joint travel' tour with admissions staff from Princeton and the University of Virginia.

to give the University's worldwide license to make each faculty member's **scholarly articles** available and to hold the copyright for them, so long as they are not sold for profit. The move seeks in part to overcome the inhibiting effects of (1) scholarly journals that often prevent scholars from using and distributing their own work and (2) journal prices so high that many institutions and individuals cancel their subscriptions.

Harvard introduces **"H-Link,"** an Internet application connecting students' courses and classmates through the popular **Facebook** social utility. H-Link allows students to network with Facebook friends in their courses.

At the Kennedy School of Government, Mexican President **Felipe Calderón Hinojosa** reviews the accomplishments of his administration.

Indiana University (IU) publishes **Sound Directions: Best Practices for Audio Preservation**, a major set of protocols developed by Loeb Music Library audio engineer **Bruce Gordon** and IU audio engineer **Mike Casey**. The report also includes 40 pieces of software designed at Harvard under the supervision of Loeb audio engineer **David Ackerman**.

The University Library's **Open Collections Program** (est. 2002) launches a Web site on **"Contagion: Historical Views of Diseases and Epidemics."** The online resource includes more than 500,000 pages of digitized books, pamphlets, serials, incunabula, and manuscripts illuminating the multifaceted role of disease in human history.

University of Chicago legal scholar **Cass R. Sunstein** accepts a professorial appointment at the Law School, where he will direct the new **Program**

on Risk Regulation. The new effort will examine issues such as terrorism, climate change, occupational safety, infectious diseases, and natural disasters.

University Bands Director **Thomas G. Everett** receives the 2008 **Luise Vosgerchian Teaching Award** for his exceptional contributions to Harvard's musical life over more than 36 years.

The **Visual and Environmental Studies** Department announces the creation of a **doctoral program in film studies**, scheduled to begin in fall 2009.

President **Drew Faust** appoints a task force of students, faculty, and administrators charged with recommending strategies for reducing Harvard's **greenhouse gas emissions**. Chairing the group is **William C. Clark**, the Harvey Brooks Professor of International Science Public Policy and Human Development.

March 2008

President **Drew Faust** and the heads of six other major research universities testify before the Senate Committee on Health, Education, Labor and Pensions to advocate increased funding for the **National Institutes of Health**.

The Harvard-affiliated **Massachusetts General Hospital** receives a five-year, \$20.5 million grant from the **Bill & Melinda Gates Foundation** to expand an international program studying how the **AIDS virus** (HIV) controls the immune system. The International HIV Controller's Study involves scientists from more than a dozen nations.

The **Law School** announces that it will **waive tuition** for future third-year students who agree to devote at least five years after law school to jobs in public service. Students must prove their commitment by earning credits for public-service activities in appropriate summer jobs and internships.

Oxford University Press publishes the **African American National Biography**, an eight-volume series containing more than 4,000 life histories compiled by Alphonse Fletcher University Professor **Henry Louis Gates Jr.** and **Evelyn Brooks Higginbotham**, the Victor S. Thomas Professor of History and of African and African American Studies. The series is the most comprehensive work of its kind ever published.

RMJM, the British-based international architectural firm, gives \$1.5 million to the **Graduate School of Design** to establish the **RMJM Program for Research and Education in Integrated Design Practice**. The program seeks to produce architects who can balance aesthetic and budgetary concerns through grounding in management principles and technological know-how.

Harvard and the city of **Boston** sign a **cooperation agreement** outlining more than \$25 million in new community programs and neighborhood improvements. The education portal at 175 North Harvard St. is the planned first step, giving Allston-Brighton residents more direct access to community programs at Harvard, math and science tutoring for all school-age Allston children, and public science lectures. Harvard will also create new parks, public open spaces, and walkways, and will support job-training and housing initiatives in the neighborhood. Construction proceeds on the **Allston Science Complex**.

Endowment manager **Jane Mendillo** is appointed president and CEO of the Harvard Management Company (HMC) starting July 1, 2008. HMC handles the University's investment portfolio.

The World Economic Forum names Harvard Negotiation Project Associate Director **Daniel L. Shapiro** as one of its Young Global Leaders for 2008.

Medical School Dean **Jeffrey Flier** announces plans for reducing four-year **medical-education costs** by up to \$50,000 for families with incomes of \$120,000 or less. About a third of current Harvard medical students will benefit from the change. The Medical School also plans to make major renovations to the 23-year-old **Tosteson Medical Education Center**. President **Drew Faust** leads a University delegation

to the People's Republic of China. In Shanghai, she attends the sixth **Harvard Alumni Association Global Series**, which focuses on East Asia. More than 630 Harvard graduates from 27 nations attend. In Beijing, Faust receives an honorary degree from Peking University.

April 2008

Karen Beck '08 accepts the 11th Women's Leadership Award from the Harvard College Women's Center.

FAS Dean **Michael D. Smith** announces plans for a comprehensive 15-year renovation of the 12 undergraduate **residential Houses**, which were last completely overhauled in the early 1980s when the House system was 50 years old. Strategic and financial plans for the effort are scheduled for submission to President **Drew Faust** and the Harvard Corporation in December 2008.

A gift from **Pierre Keller** of Geneva establishes a **Program on Transatlantic Relations** at the Weatherhead Center for International Affairs. Keller was a CIA fellow in 1979-80.

The **Arnold Arboretum** unveils the first online installment of its **Seed Herbarium Image Project** (SHIP), a collection of high-resolution digital photographs documenting the morphology of seeds and fruits. SHIP is a unique reference for everyone interested in plants, from horticulturalists to scientists and educator s.

In the journal **Nature**, a team led by Organismic and Evolutionary Biology Professor **Gonzalo Giribet** publishes results of a comprehensive DNA survey of 77 animal species. The findings settle several long-standing evolutionary controversies and support major changes in certain branches of the evolutionary tree of life.

During the five-month **Environmental Competition 2008** involving 13 buildings of the Faculty of Arts and Sciences, **William James Hall** and **Hoffman Laboratory** come out on top for factors such as high recycling rates, reduced energy consumption, and the use of green materials and cleaners. In all, the 13 buildings rack up impressive achievements, such as saving 229 metric tons of carbon dioxide equivalent, which translates to removing 42 cars from the road for a year.

The **Harvard Theological Review**, one of the nation's oldest theological journals, marks its centennial with a day of talks at the Divinity School.

Pathology Assistant Professor **Charles Lee** wins Korea's 2008 Ho-Am Prize in Medicine for his work in human genomic variation.

President **Drew Faust** announces the appointment of **Barbara J. Grosz**, the Higgins Professor of Natural Sciences, as dean of the Radcliffe Institute for Advanced Study, effective July 1, 2008. Grosz has served as interim dean since July 2007.

Former Overseers President **David Rockefeller** '36 pledges \$100 million to enhance undergraduate learning through international experience and involvement in the arts. Rockefeller is the largest gift from an alumnus in Harvard history.

The **BASF Advanced Research Initiative** at Harvard holds a two-day inaugural symposium on biofilms. BASF, the German-based international chemical company, has committed \$20 million over five years to support a University-industry collaboration based in the School of Engineering and Applied Sciences.

The **Harvard University Art Museums** adopts the new umbrella name of **Harvard Art Museum** to reflect its unified collections and administration. The museum components (Fogg, Sackler, Busch-Reisinger, and research facilities such as the Straus Center for Conservation) will retain their identities. The Fogg building will close to the public on June 30 to prepare for major renovations starting in 2009. Selected works from the Fogg will be shown at the Sackler.

President **Drew Faust** appoints a University-wide steering committee (chaired by **Lizabeth Cohen**, the Howard Mumford Jones Professor of American Studies; and Design School Dean **Mohsen Mostafavi**) to explore ways of enhancing **Harvard's public spaces** in Cambridge to support the institution's intellectual and social vitality.

The **U.S. Fencing Association** selects **Emily Cross** '08 for the **U.S. Olympic team** that will compete in the Beijing summer games. Incoming freshman **Noam Mills** is selected for the Israeli women's Olympic fencing team (Accepted last year, Mills deferred her entrance until this fall to train for the games). The two women are the first star Harvard women fencers to qualify for the Olympics.

Chemistry/chemical biology doctoral candidate

Luisa Gronenberg and divinity student **Patrick Comstock** outmuscle 23 other hopefuls in the first Harvard Strength Competition at the Malkin Athletic Center.

The Harvard Undergraduate Research Journal (THURJ), created and co-edited by sophomores **Shoshana Tell** and **John Zhou**, publishes its inaugural issue.

Former Divinity School Dean **Krister Stendahl**, the Andrew W. Mellon professor of Divinity *Emeritus*, dies at age 86.

May 2008

The **Asia Center** celebrates its first decade with two days of lectures and seminars.

Nina Zipser becomes dean for faculty affairs in the Faculty of Arts and Sciences.

Six members of the Faculty of Arts and Sciences obtain five-year appointments as **Harvard College Professors**: Romance languages scholar **Virginie Greene**, economist **David I. Laibson**, biomedical researcher **Douglas Melton**, psychologist **Steven Pinker**, geologist **John H. Shaw**, and medieval English-literature scholar **James W. Simpson**. The positions honor those who have made outstanding contributions to undergraduate teaching, mentoring, and advising.

Two FAS junior-faculty members receive the **Roslyn Abramson Awards** for excellence in undergraduate teaching: History and Literature/Folklore and Mythology Assistant Professor **Lisa Brooks** and **David Parkes**, the John L. Loeb Associate Professor of the Natural Sciences.

Three **head coaching positions** in the **Athletics Department** receive endorsements. Former All-Ivy lacrosse midfielder **Richard D. Frisbie** '71, J.D. '74 announces the establishment of the Frisbie Family Endowed Coach for **Men's Lacrosse**. The first incumbent is **John Tillman**. Former All-America swimmer and rower **RoAnn Costin** '74 creates the Costin Family Endowed Coach for **Women's Swimming and Diving**. Shortly afterwards, **C. Kevin Landry** '66 and family establish the Landry Family Head Coach for Harvard **Women's Ice Hockey**.

At the annual Da vid Aloian Dinner in Quincy House, the **Harvard Foundation** presents its 2008 Faculty/Administrator Award to former College Dean **Benedict H. Gross**, the George Vasmer Leverett Professor of Mathematics. More than 40 students also receive honors for their work in promoting intercultural understanding at Harvard.

On Memorial Day in the Memorial Church, the Harvard **Veterans Alumni Organization** holds a **service of remembrance** for the University's more than 1,200 war dead and all the nation's deceased war veterans. Officiating is U.S. Navy Chaplain **Alexander Daley** '57.

At a Memorial Church service, friends and colleagues remember former FAS Dean **Jeremy R. Knowles**, the Amor y Houghton Professor of Chemistry and Biochemistry, who died on April 3.

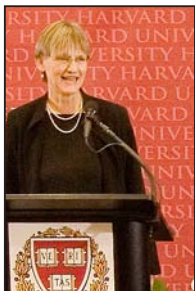


Staff file photo Rose Lincoln/Harvard News Office
Evelynnn Hammonds becomes dean of Harvard College.

June 2008

Evelynn Hammonds, the Barbara Gutmann Rosenkrantz Professor of the History of Science and of African and African American Studies, becomes dean of Harvard College.

Inside & ONLINE



Academic renewal

Fresh starts, real progress: A look at President Drew Faust's first year at the helm.

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Drumroll for PBK

Physicist Steven Weinberg and poet Carl Phillips speak, read at Phi Beta Kappa ceremony.

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Graduate profiles

Read about some exceptional graduates of the College and graduate Schools.

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Multimedia



Dudley's different

The slightly unorthodox Dudley Co-op House celebrates 50 years of being slightly unorthodox.

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Commencement coverage,

<http://www.harvard.edu/commencement>

Honorary degrees awarded at Commencement

Harvard University today (June 5) conferred honorary doctoral degrees on 10 individuals in recognition of their outstanding achievements in a broad range of fields. The degrees were awarded at this morning's 357th Commencement Exercises.

In addition, the University announced its intention to confer an honorary degree on Sen. Edward M. Kennedy on an appropriate future occasion. Kennedy had planned to attend today's Commencement ceremony but is now recovering from surgery earlier this week.



Aga Khan

His Highness the Aga Khan

Doctor of Laws

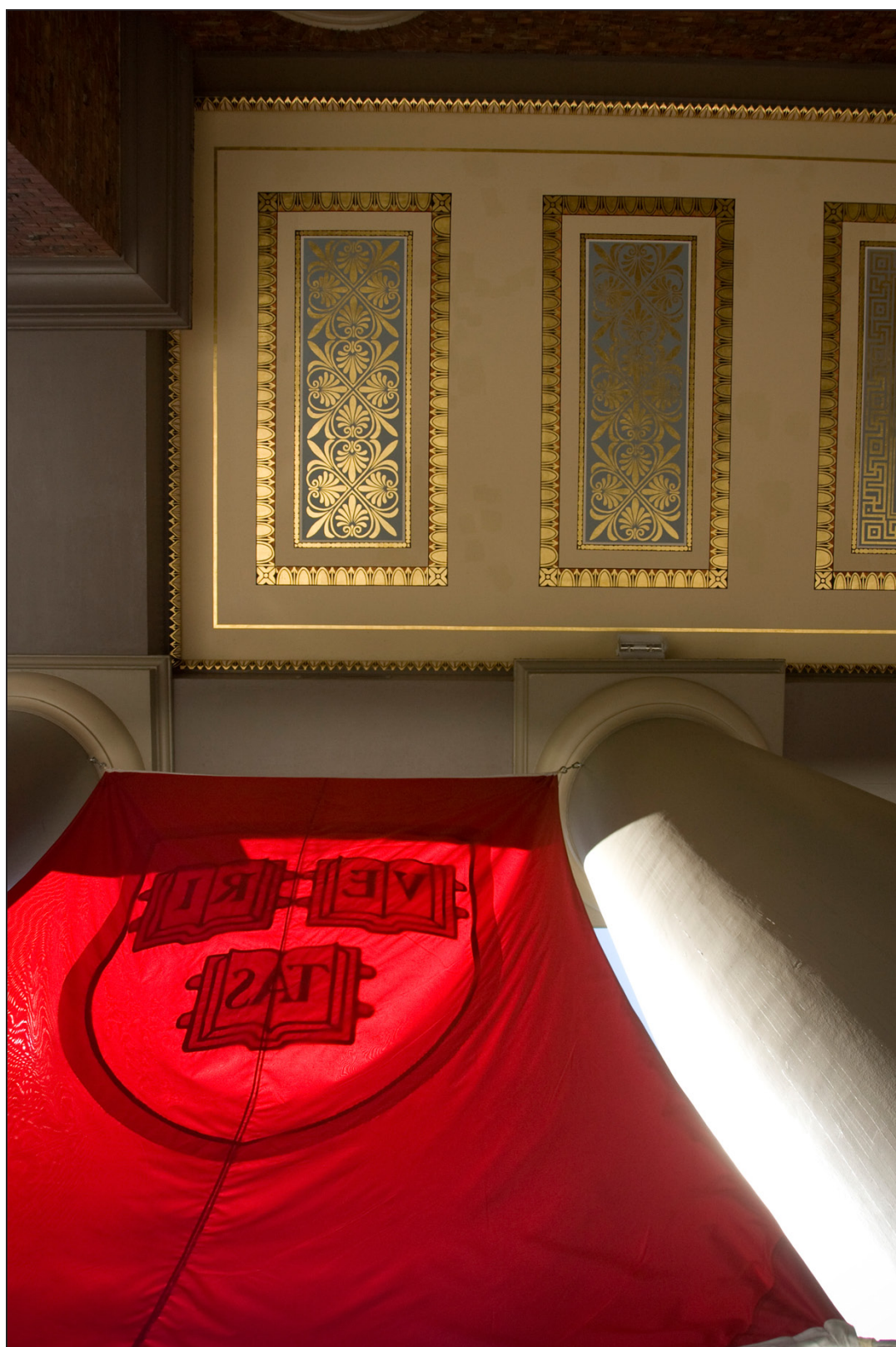
His Highness the Aga Khan — Prince Karim al Hussayni A.B. '59 — was a 20-year-old junior at Harvard College when on July 11, 1957, he became the present Aga Khan IV, upon the death of his grandfather, Aga Khan III.

"Aga Khan" is the hereditary title of the imam (spiritual leader) of the Shia Imami Ismaili Muslims, a branch of the faith represented in about 25 countries.

The Aga Khan is the 49th hereditary imam. He traces his lineage to Ali, cousin of Muhammad, and his wife Fatima, Muham-

(See *Honorands*, page 4)

Lift up your eyes



Merely looking up as you stand at the entrance to the Memorial Church will reveal unexpected beauty.

Staff photo Kris Snibbe/Harvard News Office

Allston projects demonstrate commitment to sustainability

By Corydon Ireland

Harvard News Office

In the future, Harvard will go beyond traditional ivy and red brick to create campuses with more energy-efficient buildings that minimize water usage and produce low air emissions.

This ideal of sustainability will first be demonstrated on a large scale in Allston, where acres of truck lots and industrial buildings — along with parts of Harvard's existing campus — will over the next 50 years give way to 10 million square feet of new academic buildings.

Allston UPDATE

"It's a historic opportunity to demonstrate our commitment to sustainability, which shapes every aspect of our planning," said Christopher Gordon, chief operating officer for Harvard's Allston Development Group (ADG).

The first step toward a future of sustainable campuses is already under way. A four-building Allston Science Complex (to be finished in 2011) will produce about half the greenhouse gases of conventional buildings, and will use less energy and potable water.

The complex will be on land stitched with curving bike paths and tree-lined walkways. Underground cisterns will capture and treat storm water, then use it for landscape irrigation.

All this fits in with Harvard's sustainability commitment for Allston projects — in effect a promise that every new building will do the least possible harm to the environment.

The ensemble of science buildings in Allston will emphasize manageable scale; indoor and outdoor spaces will evoke a neighborhood-like feeling.

"We should not try to [create a] huge research park that ignores public space," said Stefan Behnisch, principal of Behnisch Architekten and lead architect for Allston's Science Complex. His work is well known for prioritizing sustainability and imparting a sense of community.

(See *Allston*, page 6)

POLICE REPORTS

Following are some of the incidents reported to the Harvard University Police Department (HUPD) for the week ending June 2. The official log is located at 1033 Massachusetts Ave., sixth floor, and is available online at <http://www.hupd.harvard.edu/>.

May 29: An officer was dispatched to Vanderbilt Hall to take a report of property damage. Upon arrival the officer spoke to the reporting individual who stated that somebody had pried open the door to the basement. The officer observed damage to the door and the locking mechanism. The reporting individual stated that nothing was missing. A fanny pack valued at \$20 that contained a disposal camera and a wrist-watch was reported stolen at Aldrich Hall. An officer was dispatched to 175 North

Harvard St. to take a report of a motor vehicle accident with no personal injuries.

May 30: Officers observed three individuals drinking in the area of Weld Boathouse. A field interview was conducted and each of the individuals was run for warrants with one positive result. One of the individuals was then placed under arrest for warrant service.

June 1: An officer observed an individual in Harvard Yard lying down in the gazebo. The individual was run for warrants with negative results before being placed under arrest for trespassing. Officers were dispatched to the Fairchild Biochemistry Building on a report of individuals checking doors. The reporting individual stated that the three suspects opened their office door

and turned the lights on before fleeing the area. The officer located the individuals who fled the area upon observing the officers. The officer gave chase and located two of the suspects before placing them under arrest for trespassing and nighttime breaking and entering with intent to commit a felony.

June 2: An unattended wallet containing a license, credit cards, and an identification card was reported stolen from 77 Ave. Louis Pasteur. An Xbox was reported stolen from Cabot House. Vandalism to the main lounge of Shad Hall was reported. The reporting individual stated that food and soda had been scattered around the room and that the television was covered in soda.

This month in Harvard history

June 1766 — Designed by colonial governor Sir Francis Bernard, the new Harvard Hall (still standing, with several later modifications) opens to replace its predecessor, destroyed by fire in 1764. The new hall is the first Harvard structure to be built without chambers and studies. In addition to housing the library and a laboratory, it boasts the College's first rooms designed for lectures or recitations. Students eat meals here until commons moves to University Hall in 1815. Before the 1874 dedication of partially completed Memorial Hall, Harvard Hall is also the scene of Commencement dinners and Class Day dances.

June 1, 1769 — President Edward Holyoke dies in office, not long before his 80th birthday, making him the oldest person ever to hold the presidency. "If any man wishes to be humbled and mortified, let him become President of Harvard College," he says on his deathbed.

June 1769 — In response to the occupation of Boston, where the British have pointed cannon at the State House door, colonial governor Sir Francis Bernard adjourns the Great and General Court to Cambridge. The legislature first reconvenes in Holden Chapel and later in Harvard Hall.

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

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

OBITUARY

HMS technical staff member Andrew J. Hession, 52

Andrew J. Hession, an HVAC technician for Harvard Medical School (HMS) for seven years, died on May 26 of complications from heart surgery. He was 52. A widely known figure throughout the HMS campus, Hession was particularly appreciated for his expertise and mild manner in the face of HVAC emergencies. He is survived by his wife Mary V. (Murphy) Hession.

This week, tradition reigns



Staff photo Justin Ide/Harvard News Office

The Rev. Professor Peter J. Gomes presides over the Baccalaureate Service.



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WHAT'S ONLINE



Looking back on President Drew Faust's first year ... in photos.

<http://www.commencement.harvard.edu/>



Seeing the future unfold in Allston.

<http://www.hno.harvard.edu/multimedia/slides.html>



Documenting Harvard's global involvement in Haiti and Botswana.

<http://www.news.harvard.edu/worldmedia/>



Dudley Cooperative opens its doors for 50th reunion. Friendships, memories are rekindled.

<http://www.commencement.harvard.edu/>



Graduates share their thoughts as they prepare for the next chapter.

<http://www.commencement.harvard.edu/>

Commencement Day coverage continues Thursday (June 5) at <http://www.harvard.edu>.



Staff file photo Kris Snibbe/Harvard News Office

On Feb. 11, 2007, it was announced that Drew Faust (above center) would be the next president of Harvard University. Faust actually took the helm of the University on July 1, 2007.

Renewal marks Faust's first year at helm

Fresh starts, real progress made through inaugural months

By Alvin Powell
Harvard News Office

President Drew Faust's freshman year was one of fresh starts and real progress as she renewed Harvard's leadership and helped make the University more affordable, more sustainable, and more welcoming to the arts, while maintaining the University's voice in Washington and the world.

The 2007-08 academic year showcased the University's new leadership, with new deans at the Schools of Medicine and Design, the Faculty of Arts and Sciences, and the Graduate School of Arts and Sciences and new leadership in a host of other areas, both administrative and academic, such as a new dean for the Radcliffe Institute for Advanced Study and a new vice president for Alumni Affairs and Development.

The year was also busy personally for Faust, as her book, "This Republic of Suffering," was released in January, spent time on best-seller lists, and generated interest in her scholarly work.

Faust credited much of the progress in her first year to her team: the University's top leadership, the people working with them, and staff up and down Central Administration.

"This has been a year of hard work dedicated to a diverse array of tasks that reflect the breadth that makes Harvard great," Faust said. "We have made Harvard more affordable and moved forward on a number of fronts important to the University, but nothing would have been possible without the talented, dedicated people — faculty, administration, staff, and students — who make this University run."

New leadership, 'knit together ... as one'

Even before she officially took office July 1,

2007, Faust had begun to make her mark on the University's leadership. In June 2007, Faust announced that computer scientist Michael D. Smith would become the new dean of the Faculty of Arts and Sciences.

There followed the appointments of Jeffrey S. Flier, the George C. Reisman Professor of Medicine, to lead Harvard Medical School in July; of Mohsen Mostafavi, an international figure in architecture and urbanism, to head the Graduate School of Design in August; and of Tamara Rogers, former director of major gifts in the Faculty of Arts and Sciences and associate director of University Development, as the University's new vice president for Alumni Affairs and Development in September.

In December, FAS Dean Smith appointed Allan Brandt as dean of the Graduate School of Arts and Sciences. In March, Smith named Senior Vice Provost for Faculty Development and Diversity Evelyn Hammonds as the new dean of Harvard College. And in April, Faust filled her old post, naming Higgins Professor of Natural Sciences Barbara J. Grosz as the new dean of the Radcliffe Institute for Advanced Study.

Middle-income initiative

One major initiative during Faust's first year aims to improve accessibility of Harvard for all students by recognizing that the price of higher education is increasingly stressing not just low-income families, but middle-income families — who might be less eligible for financial support — as well.

In December, Faust and Smith announced a sweeping overhaul of financial aid policies intended to make Harvard College more affordable through enhancements to grant aid, the elimination of student loans, and the removal of home equity from financial aid calculations.

The initiative, which builds on recent policies eliminating the family contribution for students whose families' income is less than

\$60,000, reduces the contribution for families whose income is between \$60,000 and \$120,000, and caps the contribution at no more than 10 percent of income for families making between \$120,000 and \$180,000 per year.

"We want all students who might dream of a Harvard education to know that it is a realistic and affordable option," Faust said in announcing the new program. "Education is fundamental to the future of individuals and the nation, and we are determined to do our part to restore its place as an engine of opportunity, rather than a source of financial stress."

"We want to make Harvard affordable for talented students from all financial backgrounds, and once they are here, we want to make sure they are able to take full advantage of the opportunities we provide to build their skills and knowledge and to engage their deepest interests," Smith said. "This experience is not possible if families are consumed with financial worry and students are consumed with debt."

In January, the University reported a record applicant pool for Harvard College, with applications up 18 percent over the previous year, a surge that admissions officials attributed to the elimination of Early Action admissions. The 27,000 applicants to join the Class of 2012 shattered the previous record of 22,955 set just last year.

"Students and their secondary school counselors responded positively to this change, designed to help reduce the frenzy that surrounds college admissions today," said William R. Fitzsimmons, dean of admissions and financial aid. "Eliminating Early Action also allowed more time in late fall for us to reach out to students who might not otherwise think about applying to Harvard."

A voice for higher education

In her first year in office, Faust embraced Harvard's traditional role at the forefront of

(See **Faust**, next page)

Looking back, moving forward,
<http://www commencement.harvard.edu/>

Faust

(Continued from previous page)

higher education. In March, she testified before Congress on the dangers of continued flat federal funding of the National Institutes of Health (NIH), which provides a large share of federal research dollars at Harvard and institutions across the country.

In her testimony, Faust decried five years of flat funding that, when inflation is figured in, translates to a 13 percent loss in purchasing power. The funding freeze may result in losing a generation of scientists, she said, as young researchers seeking grants become discouraged.

Faust also carried Harvard's banner to China in March, delivering speeches at Peking University and Tsinghua University and leading a group of top faculty and administrators to an international Harvard Alumni Association conference. In her speech at Peking University, where she was given an honorary degree, the president described Harvard's efforts to embrace students of all backgrounds and reach across national boundaries for knowledge and partnerships.

"It is our responsibility that the principles of openness, the habits of curiosity, the dedication to a community of learning be sustained and nourished for the next century to come," Faust said in her speech.

A time for all things

In January, a University-wide academic calendar was announced. The coordinated calendar, created by the University Committee on Calendar Reform, led by Provost Steven Hyman and Pforzheimer University Professor Sidney Verba, will put all of Harvard's Schools on the same schedule, coordinating Thanksgiving and winter and spring breaks, and easing cross-School registration.

The changes, effective with the 2009-10 academic year, are expected to facilitate and encourage exchanges across School and discipline boundaries. Said Faust: "This is a crucial milestone in our ongoing efforts to make Harvard a more collaborative and integrated institution. I am grateful for the leadership of Provost Hyman and Professor Verba, the efforts of the University Committee on Calendar Reform, and the tremendous dedication of our Schools' registrars and faculty in helping to make this happen."

The calendar will feature an early September start to the fall semester, with exams in December before winter break, spring classes beginning in late January with Commencement in late May, coordinated Thanksgiving and spring breaks, and a three-week optional session in January.

The optional session allows academic enhancements such as study abroad experiences, laboratory sessions, and minicourses.

New starts, new directions

In September, Harvard launched the School of Engineering and Applied Sciences (SEAS), the first new School at the University in 70 years.

The creation of SEAS from a former division of the Faculty of Arts and Sciences, long championed by Dean Venkatesh Narayana-murti, started a new era for science and engineering at Harvard. Although Harvard's first engineering school was dissolved in 1906, the University has a long history of making practical and applied contributions to the field, such as the first large-scale automatic digital computer and the discovery of nuclear magnetic resonance, which led to new medical imaging technology, among many others.

Construction began this year on Harvard's Allston science complex. The new, four-building complex is the first of many that will transform the Harvard-owned properties into an environmentally friendly academic area.

(See **Faust**, page 8)

Honorands

(Continued from page 1)

mad's daughter. He left Harvard in 1957, but returned a year later and graduated in 1959 with an honors degree in Islamic history.

Born in 1936 in Geneva, Switzerland, the Aga Khan spent his early childhood in Nairobi, Kenya, (where he was educated by tutors) and then nine years at Le Rosey School in Switzerland.

Today, the Aga Khan — a father of four whose passion is raising and racing thoroughbred horses — is founder and chairman of the Aga Khan Development Network (AKDN), one of the largest private development groups in the world. AKDN operates social, economic, and cultural entities, particularly to benefit the Third World.

Service in international affairs is a family tradition. The Aga Khan's grandfather was president of the League of Nations. His father, Prince Aly Khan (whose second wife was Hollywood actress Rita Hayworth), was Pakistan's ambassador to the United Nations.

Harvard is a family tradition as well. The Aga Khan's uncle, Prince Sadruddin Aga Khan, graduated from Harvard College in 1954 and went on to become the United Nations' High Commissioner for Refugees. The Aga Khan's brother, Prince Ameen, graduated from Harvard in 1965.

And the Aga Khan's eldest child and daughter, Princess Zahra, graduated in 1994 with an honors degree in development studies. She directs the AKDN's social welfare department.

James P. Comer Doctor of Laws

James P. Comer is the Maurice Falk Professor of Child Psychiatry at the Yale University School of Medicine's Child Study Center.

He is internationally known for his research in the area of child development and education.

Comer's parents, particularly his mother, instilled in him the importance of education and took an active interest in his studies and early development. His childhood experience informed his own work in the field, leading ultimately to his influential model, which asserts that parents play a vital role in the academic success of their children.

After receiving his A.B. degree from Indiana University, Comer considered becoming a general practitioner. But his time living and working in Washington, D.C., where he attended medical school at Howard University and where he was exposed to the poor social conditions of many of the city's low-income minorities, led him to the field of public health and child psychiatry. He received his master's of public health degree from the University of Michigan School of Public Health in 1964. He completed his psychiatry training at the Yale School of Medicine, the Yale Child Study Center, and the Hillcrest Children's Center in Washington, D.C.

At Yale's Child Study Center in 1968, he helped develop a research project for two inner-city elementary schools that would become the basis for a revolutionary new vision of education and child welfare. The project, the Comer School Development Program, stresses a collaborative approach that involves teachers, parents, and community resources in improving a child's so-

cial, emotional, and academic outcomes. The program has been implemented in hundreds of school systems across the country.

Comer has written widely on education, child development, and race relations. He holds 43 honorary degrees and is a co-founder and past president of the Black Psychiatrists of America. He has served as a consultant to the Public Committee on Mental Health chaired by Rosalyn Carter, and has advised numerous national organizations serving children.

Wen C. Fong Doctor of Arts

Wen Chih Fong was born in Shanghai, China, in 1930, and received his M.F.A. and Ph.D. from Princeton University, where he went on to teach art and archaeology for 45 years, until his retirement in 1999. (He is still a professor *emeritus* at Princeton.)

Fong also had a long career (1971-2000) as a consultant at the Metropolitan Museum of Art in Manhattan, where he transformed a then-sleepy and small Department of Far Eastern Art (one gallery, one installation, two curators) into a robust and comprehensive Asian Art Department.

Upon his retirement, the Met's department oversaw the world's largest collection of Asian art. Fifty permanent galleries occupied 64,500 square feet of space. The number of full-time curators had risen to 13

including experts in Japanese painting, Buddhist sculpture, archaeology, ceramics, textiles, Chinese painting, and Indian and Tibetan painting.

In three decades with the Metropolitan, Fong employed his trademark patience, persistence,

and optimism to build a vast, encyclopedic collection. He expanded galleries, modernized the conservation program, drew in milestone gifts and acquisitions, and organized dozens of acclaimed exhibitions. One of them, the 1996 "Splendors of Imperial China: Treasures from the National Palace Museum, Taipei," brought in 800,000 visitors.

During his 45 years at Princeton, where in 1959 he established the first U.S. Ph.D. program in Chinese art and archaeology, Fong wrote, co-wrote, or edited 18 books and catalogs, along with numerous articles for every prestigious scholarly publication in the world specializing in Asian art.

Fong's teaching and scholarship broke new ground. He boldly crossed art history with many other disciplines, including literature, political and social history, geography, religion, anthropology, and religion.

Fittingly, a 2006 Princeton symposium on East Asian Art, held in Fong's honor, was titled "Bridges to Heaven."

Eric R. Kandel Doctor of Science

Eric R. Kandel, University Professor at Columbia University, is renowned for his studies of memory formation in the brain. Working with the simple neural system of a sea slug, Kandel unraveled how both short-term and long-term memories are formed.

The work won him the 2000 Nobel Prize in physiology or medicine, shared with Arvid Carlsson and Paul Greengard, for their work on "signal transduction in the nervous system."

Kandel's portion of the prize was awarded specifically for "revealing molecular mechanisms, important for the formation of memories." Kandel graduated from Harvard College and received an M.D. from New York University. He trained in neurobiology at the National Institutes of



Kandel

Health and in psychiatry at Harvard Medical School. He joined Columbia's College of Physicians and Surgeons in 1974 as the founding director of the Center for Neurobiology and Behavior.

Today, Kandel is also the Fred Kavli Professor and director of the Kavli Institute for Brain Science and a senior investigator at the Howard Hughes Medical Institute.

His recent work has focused on memory disorders and mental illness in mouse models. He has received 16 honorary degrees, is a member of the U.S. National Academy of Sciences and the National Science Academies of Germany and France. He has received numerous awards and honors, including the Albert Lasker Award, the Heineken Award of The Netherlands, the Gairdner Award of Canada, the Wolf Prize of Israel, and the National Medal of Science in the United States.

In his Nobel autobiography, Kandel writes of the importance of his childhood years spent in his native Austria, where as a 9-year-old he witnessed the Nazi rampage of Kristallnacht. That explosion of violence and the following year during which his family lived under Nazi rule before emigrating to the United States made a deep impression on him and started him wondering about the workings of the human mind, which he has spent a career exploring.

The Hon. Damon J. Keith Doctor of Laws

A dedication to civil rights, the law, upholding the Constitution, and maintaining a firm check on power all define the life of the Honorable Damon J. Keith of the 6th U.S. Court of Appeals.

The youngest of six children, Keith grew up in Detroit, where he attended Northwest-

ern High School. Upon receiving his bachelor's degree from West Virginia State College, he was drafted and served in the Army from 1943 to 1946.

Keith earned his J.D. in 1949 from Howard University where he was elected Chief Justice of the

Court of Peers. In 1956 he received his LL.M. from Wayne State University Law School in Detroit.

Following school, Keith established a private practice, which he eventually expanded to include several partners. Over the years his Detroit firm, Keith, Conyers, Anderson, Brown & Wahls became known as a staunch champion of civil rights.

From 1967 to 1977 he was a judge in the U.S. District Court for the Eastern District of Michigan, where he was elevated to chief judge in 1975. He has served as a judge in the U.S. Court of Appeals for the 6th Circuit since 1977, and as senior judge in that capacity since 1995.

Keith is known for issuing a number of key rulings, including the 1973 Stamps v.



Keith



Comer



Fong

Detroit Edison Co. decision, which fined the Detroit Edison Company \$4 million for its practice of racial discrimination and required that it implement an affirmative action program.

His most famous decision is *United States v. Sinclair* (1971). Commonly referred to as the “Keith Decision,” it determined that the federal government could not conduct domestic wiretaps without a warrant. The U.S. Supreme Court unanimously upheld his decision.

Keith holds more than 40 honorary degrees. He is a member of the American, National, Detroit, and Michigan bar associations; the National Lawyers Guild; and the American Judicature Society.

Gerda Lerner

Doctor of Letters

Gerda Lerner is Robinson-Edwards Professor of History *Emerita* at the University of Wisconsin, Madison, and a visiting member of the history department at Duke University.



Lerner

Credited with the development of the curriculum of women's history at numerous academic institutions, Lerner is widely recognized as having introduced women's history as a formal academic field. A past president of the Organization of American Historians, she is also well known as an advocate of civil and women's rights and was a founding member of the National Organization for Women.

A young member of the anti-Nazi resistance, Lerner fled to the United States from Hitler-occupied Austria in 1939 at the age of 18. Later, she was a member of the Communist Party in the United States.

After raising a family, she returned to school to further her education. She was in her 40s when she received her A.B. from the New School for Social Research in New York, and her M.A. and Ph.D. from Columbia University.

Lerner has studied and written widely on African-American history. Her early work as an author included her 1955 semi-autobiographical novel “No Farewell,” which detailed life in Austria in the 1930s, and the screenplay “Black Like Me” in 1964. Her most recent work is her memoir “Fireweed: A Political Autobiography” (2002).

Lerner founded and co-directed the country's first graduate program in women's history at Sarah Lawrence College in 1972. In 1980 she founded and directed the graduate program in women's history at the University of Wisconsin, Madison. She also co-founded the Seminar on Women at Columbia University.

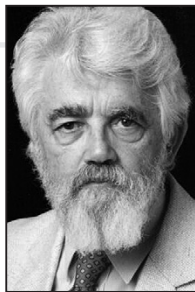
Lerner's numerous honors and awards include the American Historical Association's Award for Scholarly Distinction in 1992. She was awarded the honorary Austrian Cross of Honor for Science and Art in 1996, and in 2002 she was the first woman to receive the Bruce Catton Prize for Lifetime Achievement in Historical Writing.

John McCarthy

Doctor of Science

Boston-born, California-raised, and Princeton-trained mathematician and cognitive scientist John McCarthy, a professor *emeritus* of computer science at Stanford University, has been interested in artificial intelligence (AI) since 1948 — and formally coined the term in 1955.

In 1958, McCarthy invented the Lisp



McCarthy

AI research.

McCarthy's main research in AI involves how to formalize common-sense knowledge. His circumscription method of non-monotonic reasoning, developed from 1978 to 1986, formalizes some aspects of human informal reasoning. It allows a computer program, in effect, to “jump to a conclusion.”

But AI can only go so far. On his Web site (<http://www-formal.stanford.edu/jmc/>), McCarthy argues that household robots should not be programmed to have emotions. “Better just make them suitable as a kind of tool.”

At any rate, McCarthy believes, such robots “are still several scientific discoveries away.”

Born in Boston in 1927, McCarthy grew up in Los Angeles, and took his bachelor's degree in mathematics at the California Institute of Technology in 1948. He earned his Ph.D. in mathematics in 1951 from Princeton, where he taught until 1953.

After stints at Stanford, Dartmouth, and the Massachusetts Institute of Technology (MIT), McCarthy returned to Stanford. But it was at MIT in 1961, in a speech celebrating the university's centennial, that McCarthy was the first to publicly suggest “time-sharing” in the computer world — the idea that someday computer power might be sold in utility-like markets, as water or electricity is.

McCarthy is a 1990 recipient of the National Medal of Science, and is a member of the American Academy of Arts and Sciences, the National Academy of Engineering, and the National Academy of Sciences.

Janet Rowley

Doctor of Science

In the early 1970s, Janet Rowley made a discovery that not only explained why one chromosome in chronic myelogenous leukemia cells was shorter than normal, but also opened the door to the new field of genetic cancer studies.

Rowley showed that the chromosome change was the result of a “translocation,” or pieces of two chromosomes swapping places. Her work transformed science's understanding of what was happening during this process. The chromosome change had previously been thought to be a result of leukemia and subsequently was understood as a cause of the disease.



Rowley

Researchers, including Rowley, went on in subsequent years to identify many more such translocations. By the time Rowley was awarded the Albert Lasker Clinical Medical Research Award in 1998, more than 70 translocations were known to cause human cancers.

Rowley, who received the National Medal of Science in 1999 and who serves on the President's Council on Bioethics, spent her entire career at the University of Chicago. She received a bachelor of science degree there in 1946 and an M.D. in 1948, and she served on the faculty for decades. Today, she is the Blum Riese Distinguished Service Professor of Medicine, Molecular Genetics

(“list processing”) computer language, the second-oldest high-level programming language in use today. (Only Fortran is older.) It quickly became the favored programming language for

& Cell Biology and Human Genetics.

The citation for her award of the National Medal of Science sums up: “For revolutionizing cancer research, diagnosis, and treatment through her discovery of chromosomal translocations in cancer and her pioneering work on the relationship of prior treatment to recurring chromosome abnormalities, for epitomizing the bench to bedside philosophy in her application of basic discoveries to clinical medicine, and for her leadership nationally and internationally in the oncology and biomedical communities.”

Today, her lab is focused on understanding the genetic changes and their consequences in acute myeloid leukemia by mapping and cloning new chromosome translocation breakpoints and analyzing the structure of breakpoints in common translocations.

Rowley's work has not just advanced our understanding of the genetic roots of cancer, it has also provided new avenues for diagnosis, treatment, and drug design.

J.K. Rowling

Doctor of Letters

The story of J.K. (Joanne Kathleen) Rowling is a story of lucky numbers.

Try the number 1. Forbes magazine estimated that the creator of the Harry Potter series is the first person to ever make \$1 billion by writing novels.

Or try the lucky number 7; that's how many Potter novels there are in the now-earthshaking fantasy series Rowling first envisioned in 1990. (It was finished in 2007, with the publication of “Harry Potter and the Deathly Hallows.”)

That final book sold a record 11 million copies on the first day of its release in the United Kingdom and the United States. (The initial printing of the first Harry Potter novel? One thousand copies, in June 1997.)

For readers, the luckiest number of all is 1965, the year Rowling was born (on July 31) in Yate, Gloucestershire, England. At Harvard today (June 5), the celebrated inventor of Hogwarts, Muggles, and Quidditch delivers the keynote address at Afternoon Exercises.

Numbers favor Rowling, but words have always captivated her. In girlhood, she was a natural storyteller, a fervent reader, and a precocious fiction writer who crafted her first story at about age 6.

After earning a degree in French and classics at the University of Exeter, Rowling worked as a researcher, bilingual secretary, and teacher of English as a foreign language.

Off and on, she also worked on the first novel of the seven-book series she had blocked out in 1990. That year, the image of Harry Potter — a shy, bespectacled, rumple-haired student of wizardry — “came fully formed,” Rowling said later.

By late 1994, a brief first marriage had ended and Rowling faced tough times as a single mother in Edinburgh, Scotland. Unable to afford a typewriter, she took her napping toddler to cafes, where she worked on “Harry Potter and the Sorcerer's Stone” in longhand.

“Writing novels is something you have to believe in to keep going,” Rowling said in 2000. “It's a fairly thankless job when no one is paying you to do it.”

She advises young authors to be ready for disappointment. “You have to resign yourself to wasting lots of trees before you write anything good,” said Rowling. “That's just how it is. It's like learning an instrument.”



Rowling

Daniel C. Tosteson

Doctor of Science

Daniel C. Tosteson served as dean of Harvard Medical School for 20 years, leaving in 1997 to applause for having transformed medical education in the United States. Among his reforms was instituting The New Pathway for medical education, which emphasized life-long learning and case-based methods over extensive memorization of scientific facts.

Tosteson, who serves as Caroline Shields Walker Distinguished Professor of Cell Biology, conducts research into cellular functions and the molecular mechanisms of ion transport across membranes.

Tosteson graduated from Harvard College in 1944 and from Harvard Medical School in



Tosteson

1949. He served his internship and residency at Presbyterian Hospital in New York City and served as research fellow at Brookhaven National Laboratory, the National Heart Institute, the Biological Isotope Research Laboratory in Copenhagen, and the Physiological Laboratory in Cambridge, England, from 1951 to 1957.

In 1958, he was named associate professor of physiology at Washington University School of Medicine, and in 1961 he became professor and chairman of the department of physiology at Duke University Medical Center. In 1975, he moved to the University of Chicago, where he became the Lowell T. Coggshall Professor of Medical Sciences, dean of the Pritzker School of Medicine, and vice president of the University of Chicago Medical Center.

Tosteson has received numerous awards and honors over his career, including The Abraham Flexner Award for Distinguished Service to Medical Education, the Harvard Medal for extraordinary service to Harvard University, and honorary degrees from New York University, Johns Hopkins University, the Université Catholique de Louvain, Duke University, Emory University, and Ludwig Maximilians University.

He is a member of several scientific and scholarly societies, including the Institute of Medicine, the Association of American Physicians, and the American Academy of Arts and Sciences, where he served as president from 1997 to 2000.

Sen. Edward Kennedy

Edward M. Kennedy has served Massachusetts in the United States Senate since 1963. The third longest-serving U.S. senator in history, he currently chairs the Senate Committee on Health, Education, Labor and



Kennedy

Pensions. Known for both his devotion to principle and his skill in achieving bipartisan consensus, he is widely regarded as one of the most influential and effective lawmakers in modern times. A strong advocate for higher education, he has also played a central role in federal legislation on an extraordinary range of other matters, including health care, labor and employment, civil rights, the environment, and rights for the disabled. Said President Drew Faust: “I greatly look forward to the opportunity to confer this much-deserved honor on Senator Kennedy on an occasion when we can celebrate in person with him and his family.”

Allston

(Continued from page 1)

Indoors, buildings will be full of natural light. Day-lit atriums, glass elevators, and winter gardens will go up alongside a flexible mix of laboratory space, meeting places, and pedestrian bridges. And the outdoors will be marked by abundant trees, courtyards, and meandering paths. (Behnisch credited Boston-area landscape architect Stephen Stimson, who also contributed to storm water management systems.)

The Allston campus is also being designed as a living laboratory for teaching and researching sustainability practices, including renewable energy systems, on-site water treatment, green roofs, urban agriculture, composting, and power-saving building information systems.

“Reducing the human impact on our environment while still improving peoples’ well-being on Earth is one of the great challenges of our time,” said ecologist William C. Clark, the Harvey Brooks Professor of International Science, Public Policy, and Human Development at Harvard’s John F. Kennedy School of Government. “Harvard has the opportunity, indeed the obligation, to teach and lead by example.”

“Allston is a flagship project from beginning to end,” said Harvard Green Campus Initiative (HGCI) Director Leith Sharp.

For each Allston building, she added, Harvard has committed to achieving at least a LEED gold standard.

LEED stands for “Leadership in Energy and Environmental Design,” a detailed code for sustainable building design that assigns an environmental value to projects. The LEED rankings are silver, gold, and — the highest — platinum.

The Allston project is the first large-scale demonstration of Harvard’s commitment to sustainability. But the University has already demonstrated that commitment in other ways.

In 2000, HGCI had one staffer. By this summer, there will be 25, along with 40 part-time student educators. (HGCI is the University’s main source of technical support and environmental education. It’s the largest such office in the country.)

Harvard’s \$12 million revolving loan fund, started in 2001, has already underwritten 170-plus green projects. In 2004, Harvard adopted campuswide sustainability principles, and last December added new green building guidelines.

The University has already completed 12 LEED-rated projects, including the renovation of the 46 Blackstone South complex, which achieved a platinum rating. Another 25 are LEED-registered and being rated now.

This February, President Drew Faust named a task force charged with developing recommendations regarding future Harvard commitments on reductions in greenhouse gas emissions.

And just this spring, Harvard received the highest green-campus ranking from both the Sustainability Endowments Institute and the Sierra Club.

The specifics of Harvard’s sustainability measures in Allston are still being studied and analyzed, planners said. But here are a few themes being explored as part of Harvard’s ongoing master planning process.

Landscape and ecology

Outdoors, the Allston campus will preserve and create healthy soils, in part by using hardy native plants in place of lawns that gulp water and pesticides.

A pilot project in sustainable landscape design using organically grown grass and trees started this spring in Harvard Yard, in collaboration with the Graduate School of Design. It could be scaled up for Allston’s sev-



Staff photo Justin Ide/Harvard News Office

A four-building Allston Science Complex (to be finished in 2011) will produce about half the greenhouse gases of conventional buildings, and will use less energy and potable water. Workers are building slurry walls to prepare for foundation work on the new Science Complex at 114 Western Ave. in Allston.

eral acres of green space and streetscapes, said Jeffrey Smith, Harvard’s director of Facilities Maintenance Operations.

Allston campus designers also plan to reduce the “heat island” common in urban landscapes. (In summer, paved or stone surfaces pour heat back into the air like chimneys.) Sidewalks and other “hardscape” features will be shaded with trees. And there are plans for heat-reducing “green” (planted) roofs on approximately half the structures.

Water

The Allston campus will treat water as a limited (that is, valuable) resource. Buildings will be fitted with technologies that conserve potable water. (The goal, outside of laboratory spaces, is to use half that of conventional buildings.)

Outdoors, storm water will be captured, treated, reused, or infiltrated into the ground in order to reduce current impacts on the nearby Charles River.

“We want to be a good regional partner for water,” said Nathalie Beauvais, principal architect with the ADG. “Allston is a unique opportunity to take a comprehensive approach.”

In a sustainable design, storm water is typically captured by undulating grassy bioswales, catch basins, or retention ponds. In addition to those methods, the Allston project is exploring infiltration planter boxes. The novel streetscape feature is designed to collect and filter precipitation that otherwise would just cascade, untreated, into storm sewers.

Above ground, these look like curbside planters framed by stone and about the length of a car. (They’re full of water-tolerant plantings.) Below ground, the planter boxes contain pretreatment basins and two or three feet of absorptive soils to treat storm water.

The concept is new in the Northeast, said Michael J. McBride, ADG’s program manager for infrastructure. The performance of two pilot planters on Hague Street will be monitored for up to a year, he said.

Energy and atmosphere

In Allston, Harvard aims for energy use that is frugal, clean, and intentional — no more or less than is needed. (The Science Complex buildings will be designed to use 40 percent less energy than conventional structures.)

A tri-generation system will burn natural gas to produce electricity and will use

waste heat to make free steam for heating, cooling, and process needs at the Science Complex. Two units are planned. (Experts say co-generation is up to 60 percent more efficient than single-source heating.)

Meet Science Complex architect,

<http://www.hno.harvard.edu/multimedia/slides.html>

A year of Allston planning,

<http://www.news.harvard.edu/gazette/2008/05.29/05-allston.html>

Additional goals are to generate up to 2.5 percent of energy on-site from renewable technologies like solar and wind and to supply at least 20 percent of the remaining energy demand from off-site sources of clean and renewable energy. Meeting both goals will reduce air pollution.

Buildings on the Allston campus will integrate a range of renewable energy features, including photovoltaic panels, building-mounted wind systems, and solar thermal systems. These features will be used to demonstrate clean-energy systems, and to reach that 2.5 percent goal of energy from on-site renewable sources.

“We are investigating all sorts of renewable technologies,” said Mary H. Smith, Harvard’s Energy Supply and Utility Administration manager, “and we’ll take advantage of technology as it develops.”

Building-scale geothermal wells are already a well-developed technology. At the Science Complex, four geothermal wells (each 1,500 feet deep) will provide a portion of heating and cooling needs.

The University is also investigating ways of producing larger amounts of renewable energy on campus. For one, engineers are testing the feasibility of “ground-coupled energy loops” — linked geothermal wells that, combined with highly efficient boilers and chillers, could provide service to a wide area.

“On this planet we don’t really have an energy problem,” said Behnisch. “We have an environmental problem, because we use the wrong energies.” Allston can be a model of simple, modern technologies that are flexible enough to be adapted in the future, he said.

Transportation

Think shuttle buses. And bicycles. And pedestrians.

There are sustainable ways to get people from place to place. In Allston, there are

plans to put shuttle access within a quarter-mile of all buildings. There will also be incentives for ride-sharing, and there will be bicycle pathways both on and off public streets.

Hybrid Zip cars will get special parking places in Allston — a program that is already in place at the Harvard Business School. Bicyclists will be able to wheel straight into grade-level sheltered parking areas, close to showers and lockers for gear.

Allston planning will give preferences to pedestrians, bicyclists, bus riders, and multi-occupant commuter cars — as Harvard does already, University-wide.

Shuttle buses now run on low-polluting biodiesel, and in the future will be

equipped with wi-fi and GPS systems. The shuttle fleet will also double in size once the Science Complex is in place.

The plan is to move people between campuses “in a way that not everybody is jumping in their cars,” said John Nolan, Harvard’s director of transportation services. “We’re trying to create a better experience.”

Part of that will be on two wheels. The Allston site has a “circulation plan” — from the smallest pathways and courtyards to intermediate and busy arterial roads — said project consultant John Ciccarelli, founder of Bicycle Solutions in San Francisco.

Including construction and ongoing maintenance, he said, a single garage space for a car costs as much as \$50,000. The same money would pay for sheltered parking for 300 bicycles.

Human health and productivity

Studies show that employee health and productivity improve with good indoor air quality, natural day-lighting, and local control of ventilation (including windows that open).

To assure clean indoor air, Allston’s Science Complex buildings will be finished with paints, coatings, adhesives, flooring, and furniture that eliminate particulates and toxic chemicals.

Narrow building footprints will put windows closer to workers, giving 90 percent of them mood-boosting views of the outdoors. Occupants will also have control of ventilation, thermostats, and lighting.

Despite the requirement for large mechanical spaces on some roofs and the desire for suitable solar applications, the Allston design team hopes that more than 40 percent of the roof areas beyond the Science Complex can be green roofs. They store rainwater and snow melt for treatment, enhance evapotranspiration, and reduce peak flows of storm water.

Discussions are even under way regarding the integration of urban agriculture demonstration plots across the Allston campus. They would foster additional connections between people and the issues of food production, human health, and sustainability.

Sustainability is about more than minimizing energy and water, said Behnisch. It’s about creating humanly scaled, comfortable public spaces that people enjoy going to and being in.

“The community benefits most,” he said, “from a vivid neighborhood.”

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Three receive HAA medal for extraordinary service to University

The Harvard Alumni Association (HAA) has announced the recipients of the 2008 Harvard Medal: Susan L. Graham A.B. '64, Richard M. Hunt Ph.D. '60, and Stephen B. Kay A.B. '56, M.B.A. '58.

First given in 1981, the principal objective of the awarding of the Harvard Medal is to recognize extraordinary service to the University. Extraordinary service can be in as many different areas of University life as can be imagined, including teaching, fundraising, administration, management, generosity, leadership, innovation, or labors in the vineyards.

President Drew Faust will present the medals during the annual meeting of the HAA on Commencement afternoon (June 5).

Susan Graham's dedication and service to Harvard has been substantial. A Radcliffe class agent from 1979 to 1984, she eventually became active in the HAA as an elected director, serving in that capacity from 1997 to 2000. During this time, she co-chaired the HAA Communications Committee and was an active member of the HAA Continuing Education Committee. She also remained active at Rad-

cliffe, serving for two years on the Radcliffe College Fund. Graham was then elected to Harvard's Board of Overseers, serving from 2001 to 2007. She has been a leading member on a number of visiting committees, including ones to the then-Division of Engineering and Applied Sciences and the Radcliffe Institute for Advanced Study (serving as its first chair). She was elected president of the board of overseers for 2006-07. "This was a year of transition for the board, and Susan carried out her work, including

(See **HAA**, next page)



Graham

Director of Humanities Center brings together diversity of scholars



Staff photo Matt Craig/Harvard News Office

Homi Bhabha: 'There can be at times a lack of communication between different divisions, different units and ... Schools. [But], manifestly, to draw them together would be to everybody's advantage.'

Bhabha, matchmaker of disciplines

By **Corydon Ireland**
Harvard News Office

Homi K. Bhabha is a marriage counselor of sorts — a literary scholar with a wide range of intellectual appetites whose role is to bring together a diversity of scholars.

"The humanities," he said last month, "are a very critical part of developments in the sciences, technology, and the social sciences."

Starting July 1, Bhabha — Harvard's Anne F. Rothenberg Professor of the Humanities — will be senior adviser on the humanities to the president and provost. The position is a first for Harvard.

The Oxford-educated scholar has already used his three years as director of the Harvard Humanities Center to accelerate dialogue between and among seemingly disparate disciplines. The center sponsored 42 events in the 2007-08 academic year — all of them variations on the same theme: conversation.

One signature offering is "20 Questions," a lecturelike series that involves brief remarks by a Harvard (or visiting) scholar, writer, or artist — followed by intense interchange with up to a half-dozen respondents from the same or other academic worlds.

Another is a series of public conversations — just started this year — in collaboration with the Harvard-affiliated American Repertory Theatre (A.R.T.).

In May, about 120 lucky attendees at Zero Arrow Theatre listened in as Bhabha moderated a conversation involving a Shakespeare scholar (Stephen Greenblatt, Har-

For a closer look at Homi Bhabha's role as senior adviser,

<http://www.news.harvard.edu/gazette/2008/05.15/12-bhabha.html>

vard's Cogan University Professor of the Humanities), a playwright (Charles L. Mee), two theater scholars, and dramaturge Gideon Lester, A.R.T.'s acting artistic director.

For the coming year, the center plans new collaborations and public events that explore the intersection of the humanities at Harvard with the law, ethics, medicine, and museums.

Recently, Bhabha — a celebrated scholar of postcolonial literature and art — made some key observations about the humanities at Harvard and his new advisory role. Among them:

■ "The sciences as a capital venture are much larger than the humanities. The sciences require new laboratories, new buildings, new machines. In the context of those of us who work with a pad and a pencil, humanists are sometimes seen to be out of touch with the times. But it's very important to realize that the sciences and the social sciences really cannot fulfill their missions without being in conversation with the humanities."

■ "In the recent past, there was always a sense of crisis in the humanities. First there were the culture wars. Then there was the

idea that the humanities were hostage to the politics of identity. Then there was the idea that the humanities were entirely ideological — whereas the sciences were more objective, and the social sciences were much more quantitative, and therefore much more dispassionate. But where there are large-scale transformations within society, the humanities have a major guiding role to play in the diverse conversations of mankind. They raise very important issues about the place of culture, the place of art, the place of ethics, the place of morality, the place of subjectivity — the place of the whole world of the imagination and of the emotions, in private and public life."

■ "At Harvard, there can sometimes be a lack of communication between divisions, departments, and Schools. But there is such great talent and power amongst our colleagues that to draw them together would be to everybody's advantage. The humanities act as a crossroads across the campus."

■ "For the first year, my major task must be to listen attentively and closely to my colleagues. As humanities adviser I would like to be in very close touch with scholars and deans to begin to see how far humanistic issues have subtly spread in areas not commonly associated with the humanities."

■ "In keeping with the recommendations of the arts task force and in collaboration with [Harvard Dean for the Arts and Humanities] Diana Sorensen, I would very much like to see how we can bring the arts and the humanities together in the experience of our undergraduates."

NEWSMAKERS

Holdren honored as guest professor of Tsinghua University

John P. Holdren, director of the Science, Technology, and Public Policy program at Harvard Kennedy School's Belfer Center for Science and International Affairs, has been appointed a guest professor of Tsinghua University in Beijing. A co-principal investigator with the center's Energy Technology Innovation Policy research program, Holdren was installed into the professorship late last month. As part of the May 26 ceremony he presented a lecture titled "Meeting the Climate-Change Challenge: What Do We Know? What Should We Do?"

Known as the "the MIT of China," Tsinghua University is one of that country's most important universities. Holdren's three-year appointment with the university is with the School of Public Policy and Management.

"I am deeply honored by this appointment," he said, "which will help deepen the ongoing collaboration among the Belfer Center of Harvard's Kennedy School of Government, Woods Hole Research Center, and Tsinghua University and other Chinese institutions on how our two countries can work together to address the challenge of climate change."

Locke given innovation award

Beth Israel Deaconess Medical Center (BIDMC) psychiatrist **Steven E. Locke** was awarded the Ronnie Stangler Award for Innovation by the American Association of Technology in Psychiatry (AATP), an affiliate of the American Psychiatric Association, at its annual meeting held in Washington, D.C., on May 3.

The AATP Technology Innovation Award is presented to "individuals who have shown creativity and innovation in applying technology to the practice of psychiatry and medicine."

Locke organized the annual Summit on Behavioral Health, which was held June 2-3 at the Joseph B. Martin Conference Center at Harvard Medical School. The summit focuses on the intersection of innovative health technologies, disease management, and behavioral change. Additionally, Locke is the founding director of "Information Technology in the Healthcare System of the Future," a Harvard-MIT Division of Health Sciences and Technology elective held each spring that teaches student teams to solve health care problems using innovative technology solutions.

— Compiled by Andrew Brooks
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HAA

(Continued from previous page)

serving on the search committee for a new president, with distinction,” according to the HAA.

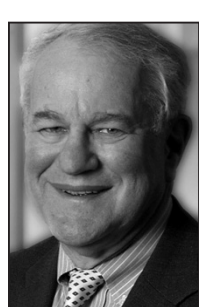
She received an A.B. in mathematics from Harvard University, and M.S. and Ph.D. degrees in computer science from Stanford University. She is currently the Pehong Chen Distinguished Professor of Electrical Engineering and Computer Science *Emerita* at the University of California, Berkeley. She is also a member of the board of trustees and treasurer of Cal Performances, the performing arts presenter of that university.

Richard M. Hunt was a Harvard faculty member for 42 years and University marshal from 1982 to 2002. He was also a senior lecturer in social studies. Since his retirement, he has remained involved in the Harvard community, serving on the Harvard Divinity School's advisory committee and the dean's advisory committee at the Radcliffe Institute for Advanced Study. He was a recipient of the GSAS Centennial Medal in 2004.

Hunt received his Ph.D. in history from Harvard, after receiving a master's degree from Columbia University and a bachelor's degree from Yale University. He held a number of administrative posts besides University marshal, including director of the Mellon Faculty Fellowship Program, assistant dean of the Graduate School of Arts and Sciences (1960-69), and associate dean of the Graduate School of Arts and Sciences (1970-77). He also served as chairman of the Faculty Committee on Religion and as a member of the social studies and Center for European Studies committees.

He is a life trustee of American Field Service, a member of the International Council for the Museum of Modern Art, and vice chair of the American Council on Germany.

A former Harvard Overseer (1993-99), Stephen Kay was elected vice chairman of its executive committee for 1998-99, and he served as vice chair and chair of the board's



Kay

Kay is a former chair of the School of Public Health Visiting Committee and is currently a member of the dean's council. In 1988, he was a fellow at the Kennedy School of Government's Mossavar-Rahmani Center for Business and Government. He has supported, financially and with his time, numerous Harvard projects and activities.

Kay is a senior director of Goldman Sachs & Company and is involved in many local nonprofit organizations, including chairman of the board of Brandeis University from 2001 to 2007. He is a trustee, member of the executive committee, and chairman of the investment committee at the Dana-Farber Cancer Institute. He is a trustee and former chairman of the board of Beth Israel Deaconess Hospital. He was also the first chair of Care Group, an integrated health care delivery network associated with Harvard hospitals.

Dedicated seniors see value in giving back

As vice chairs of the Harvard College Fund's Recent Graduates Committee, Eryn Ament Bingle '95 and Thomas M. Reardon Jr. '96, M.B.A. '05 couldn't help focusing on a nagging fundraising statistic: 60 to 70 percent of Harvard seniors give to a Senior Gift fund before graduation, but fewer than 20 percent of those same students make any gift to their college one year later.

"We wanted to know what changed," says Bingle, adding that some institutions measure the happiness of young alumni based on how many give back — not how much they give — to their schools. "We decided that recent graduates needed to be well educated about charitable giving in general and fundraising for Harvard in particular," she says.

Enter the 1636 Society Challenge, a new effort led by Bingle and Reardon along with Recent Graduates Committee members Kate Earls '00, Abhishek Gupta '04, and Patricia Raciti '06. The challenge gives seniors the opportunity to set up a recurring gift and receive a \$50 match to their Senior Gift. To date, 10 percent of the class has leveraged the impact of Senior Gift with the 1636 Society Challenge.

"It's important to acknowledge the positive influence that four fantastic years at Harvard has on our daily lives," explains Reardon. "I love working with the senior class because of their enthusiasm. They get really excited to make a contribution."

Marvin J. Cine '08, Amy B. Diaz '08, and Peter C. Krause Jr. '08, Class of 2008 Se-



At the Senior Gift 2008 kick-off dinner are Tom Reardon Jr. '96 (from left), Eryn Ament Bingle '95, Peter C. Krause Jr. '08, Amy B. Diaz '08, and Marvin J. Cine '08.

nior Gift co-chairs, along with 180 of their fellow classmates-turned-volunteers exemplify this enthusiasm. As of May 20, they have succeeded in motivating 62 percent of their class to contribute to the Senior Gift effort. Gifts can be made in recognition of another individual such as a parent or professor and may be directed to an unrestricted fund, a financial aid fund for future undergraduates, or the Dean's Fund for the Undergraduate Experience, which supports places and activities such as the Cambridge Queen's Head pub in Loker Commons, the Malkin Athletic Center, the New College Theatre, or study abroad.

"I have been supported completely at Harvard as the result of the financial aid initiative, and I consider it both an honor and a duty to give back," says Rachel M.

Berkey '08, an Adams House volunteer. "Financial aid has created more diversity and perspective among Harvard students, and the announcement of the new, expanded financial aid initiative provides for everyone, but particularly those contributing this year. We have the opportunity to stand by that initiative—to express that we think this is the right and necessary thing for Harvard to do and we will support it."

This year, Adams House achieved the second-highest House participation in Senior Gift campaign history — 97.2 percent participation — and won the annual, six-week House competition. In addition to bragging rights and recognition on Class Day, seniors of Adams House will decorate the senior booth in the Queen's Head pub with House photos and memorabilia and be the House added to a plaque of past winners.

For Natasia A. de Silva '08, a gift to Harvard, no matter how small, is a legacy for the future. "A lot of people wonder why I choose to volunteer for Harvard," says de Silva, who is the participation chair for Mather House. "To me, volunteering at Harvard is about making this prestigious university an even better place for the students who come after me."

Faust

(Continued from page 4)

A renovation of Harvard's undergraduate Houses is also in the works. Announced in April, the project will be long and careful, designed to enhance House life, and may take as many as 15 years to complete.

"The Houses have been a defining feature of Harvard College life since the House system was introduced in the days of President Lowell," Faust said. "They are not just places to live, but communities for learning, and renewing them is very much part of the larger effort to enhance the undergraduate experience, both educationally and socially."

Smith and Director of Athletics and Interim Executive Dean of FAS Bob Scalise announced in March another enhancement: the purchase of new fitness equipment for the Malkin Athletic Center, whose own renovation concluded in the fall.

The purchase included new video-capable treadmills, elliptical machines, and stationary bicycles. Scalise thanked Faust for making the funding available, acquired through a donation by Elizabeth and Richard Cashin.

In April, the University announced the largest-ever donation by an alumnus: \$100 million by David Rockefeller, a longtime benefactor of the University and a member of the Harvard College Class of 1936. The donation is intended to increase the opportunities for Harvard undergraduates to learn from international experiences and participation in the arts.

"Harvard opened my eyes and my mind to the world," Rockefeller said in making the gift. "It was because of Harvard's language requirement that I spent the summer of 1933 in Germany and saw firsthand the ominous rise of fascism. And it was at Harvard that I first studied art history. Harvard provided me with an intellectual framework to understand what I was seeing and experiencing that has stayed with



Staff file photo Justin Ide/Harvard News Office

Drew Faust shares her thoughts during the 'Women at the Top: The Changing Face of the Ivies' panel, which brought together past, present, and future women presidents of the Ivy League.

me for my entire life."

Faust announced in November that she was creating a University-wide task force to examine the arts at Harvard. The task force is charged with examining the role of the arts at a research university, in a liberal arts education, and at Harvard specifically. It will look both within and beyond the curriculum, as well as explore how Harvard can encourage connections between arts activities and science, technology, humanities, and other fields.

Cogan University Professor Stephen Greenblatt is chairing the task force, whose membership is drawn from faculty, students, and others across the University.

"Harvard has always had enormous strengths in the arts, and never more so than today, but we have had equally strong ambivalence about the role of performance and practice in the curriculum and in the life of the University. It has been many years since Harvard has attempted to define its aspirations and opportunities in the arts in a systematic way," Faust said.

This year also brought the promise of future environmental action. In February, Faust announced a task force of faculty, students, and administrators who would work together to examine Harvard's

greenhouse gas emissions and recommend a University-wide greenhouse gas reduction goal. The move is the latest taken by the University to reduce its environmental impact. The University has received recognition in the past for its efforts to reduce and recycle waste, in building renovation, and in other areas.

The learning and living environment within Harvard is the focus of another task force, this one appointed by Faust in April. The committee's charge is to examine the physical environment of Harvard's Cambridge campus to find ways to enhance its support of the University's intellectual and social life. Led by Lizabeth Cohen, Howard Mumford Jones Professor of American Studies, and Mohsen Mostafavi, dean of the Graduate School of Design, the committee is made up of faculty, students, and staff.

"The Harvard campus has always been an evolving site, responding, at each stage of its history, to the intellectual and social needs of its community," said Mostafavi. "We have the opportunity to systematically reconsider parts of our campus and create places that not only respond to our current needs but also anticipate future possibilities."

Radcliffe honors Kouskalis '08 with Fay Prize for 'compelling' thesis

By **Jennifer Corke**
Radcliffe Communications

The Radcliffe Institute for Advanced Study has named Harvard senior and sociology and economics joint-concentrator Eric Kouskalis winner of its 2008 Captain Jonathan Fay Prize. Kouskalis was chosen for the quality and impact of his senior thesis, which featured a compelling argument against the current methods for introducing and deploying computers into South

African and Namibian school systems. Barbara J. Grosz, dean of the Radcliffe Institute for Advanced Study and Higgins Professor of Natural Sciences in the Harvard School of Engineering and Applied Sciences, presented the Fay Prize at Radcliffe's annual Strawberry Tea, held on May 28 in the Faculty Room of Harvard University Hall.

"The Radcliffe Institute is pleased to honor Eric Kouskalis for his in-depth research and multifaceted analysis of an important issue for educational policymakers

in developing countries," said Grosz. "With great confidence in his future scholarship, we look forward to watching Eric develop into an influential thinker and problem solver."

The Radcliffe Institute awards the Fay Prize to members of Harvard's graduating class who have produced the most outstanding scholarly work or original research in any field, which can take the form of a thesis, class research, or creative arts project. Candidates for the Fay Prize are chosen

from among the nominees for Harvard College's Thomas T. Hoopes Prize, awarded annually for outstanding scholarly work or research.

Kouskalis' thesis, "Does Not Compute: The Introduction of New Technologies to South African and Namibian Classrooms," examines the effects on student performance of the introduction of computers into approximately 2,500 schools in Namibia and South Africa. Kouskalis specifically con-

(See **Fay**, next page)



Staff file photo Justin Ide/Harvard News Office

Donna E. Shalala is being recognized as a champion for improved health services for children, veterans, and disadvantaged Americans, and for advancing women and minorities through education and in their careers.

Shalala to receive Radcliffe Medal

Leader in education and government, health care advocate to receive medal, give keynote address

By **Jennifer Corke**
Radcliffe Communications

The Radcliffe Institute for Advanced Study has announced that Donna E. Shalala, president of the University of Miami and former U.S. secretary of Health and Human Services, will be awarded the 2008 Radcliffe Institute Medal at the annual Radcliffe Day luncheon on Friday (June 6) at 12:45 p.m. Barbara J. Grosz, dean of the Radcliffe Institute, will make opening remarks and present the medal. Shalala will deliver the keynote address.

Each year, during Harvard-Radcliffe Commencement week, the Radcliffe Institute gives the Radcliffe Institute Medal to an individual whose life and work have substantially and positively influenced society. In 2007, the medal was awarded to author Toni Morrison. Other past honorees include Linda Greenhouse, Madeleine Korbelt Albright, and Margaret Atwood.

For her more than 25-year commitment to improving lives through higher education and government — as a teacher, administrator, scholar, volunteer, and advocate for better and increased access to health care in the United States — Shalala was selected to receive the 2008 Radcliffe Institute Medal. In particular, she is being recognized as a champion for improved health services for children, veterans, and disadvantaged Americans, and for her work to help advance women and minorities through education

and in their careers.

In 2007, Shalala chaired the National Academies' committee that helped co-author the pathbreaking report "Beyond Bias and Barriers: Fulfilling the Potential of

For Radcliffe Day information,
<http://www.radcliffe.edu/alumnae>

Women in Academic Science and Engineering." Based on significant research, the report put forth recommendations and a call-to-action plan to improve the pipeline of women in science.

Since 2001, Shalala has served as president of the University of Miami, where she is also a professor of political science. From 1987 to 1993, she was chancellor of the University of Wisconsin, Madison, and, thus, the first woman to head a Big Ten University. Her earlier teaching career includes appointments at Columbia University and Yale Law School. Shalala's public service record is equally distinguished, from her entry into service as a Peace Corps volunteer in Iran to her eventual presidential Cabinet position.

In 1993, she was appointed secretary of Health and Human Services (HHS) by President Bill Clinton. Her eight-year tenure in that role made her the longest-serving HHS secretary in U.S. history. With Shalala at the helm, many important improvements to HHS occurred, including the implementation of the State Children's Health Insurance Programs (SCHIP); record child im-

munization rates; and substantial reforms to the welfare process, FDA processes, and Medicare policy. Shalala was previously the assistant secretary for Public Development and Research in the U.S. Department of Housing and Urban Development during the Carter administration. In 2007, at the request of President George W. Bush, she co-chaired the Commission on Care for Returning Wounded Warriors with Sen. Bob Dole.

Shalala is a trustee of the Henry J. Kaiser Family Foundation, serves on the Council of Foreign Relations, and is an elected member of numerous organizations, including the National Academy of Education, the National Academy of Public Administration, the American Academy of Arts and Sciences, and the Institute of Medicine of the National Academy of Sciences. Among her many honors is the National Public Service Award and more than 36 honorary degrees. She earned her doctoral degree from the Maxwell School of Citizenship and Public Affairs at Syracuse University. Business Week magazine has called her one of higher education's top five managers, and the Washington Post has recognized her as "one of the most successful government managers of modern times." U.S. News & World Report named her one of "America's Best Leaders."

The Radcliffe Day luncheon is open to Radcliffe and Harvard alumnae/i and their guests.

Hoopes Prize winners number more than 80

More than 80 Harvard College seniors have been named Thomas T. Hoopes Prize winners for outstanding scholarly work or research. The prize is funded by the estate of Thomas T. Hoopes '19. The recipients, including their research and advisers, are as follows:

Stephen Amrock for his submission titled "Globalizing Actionable Rights: The Role of Policy Elites in Health Care Reform in Chile and Bolivia, 1982-2007" — Jason Beckfield

Jordan Baehr for his submission titled "From Every Subtle Thing We Do: Capitalist Socialization in Communist China" — Michael Puett

Marco Basile for his submission titled "Zarathustra as a 'Good European': From Nietzsche's City-State to His Anti-Politics" — Peter Burgard

Anna Bonnell-Freidin for her submission titled "Claims to Power: Virtus in Valerius Maximus' Facta et Dicta Memorabilia" — Emma Dench

Katherine Brunson for her submission titled "Shifting Animal Exploitation Strategies in Late Neolithic China: A Zooarchaeological Analysis of the Longshan Site of Taosi, Shanxi Province" — Richard Meadow

Robert Cecott for his submission titled "People Helping (White) People: Evidence of Racial Discrimination in Peer-to-Peer Lending" — Sendhil Mullainathan

Can Cenik for his submission titled "Loss of Genetic Variation in Salmon and the Coalescent Effective Population Size" — John Wakeley

Curtis Chan for his submission titled "Being B — Boys: Style, Identity, and Respect Among New England and Miami Street Dancers" — Michael Herzfeld

Alexander Chase-Levenson for his submission titled "A Gate for the Whole Continent: Quarantine, Illness, and the Imaginative Geography of British Travel to the East 1780-1850" — Ma ya Jasanoff

Sakura Christmas for her submission titled "Drafting Primitivity: The Oroqen in Japanese Manchuria, 1932-1945" — Mark Elliot

Katie Rose Clapham for her submission titled "A Tiny Protein Links Two Morphogenetic Processes in a Bacterium" — Richard Losick

Frederic Clark for his submission titled "Historiae Veritas and the First Historiographer: Reading Dares Phrygius in the Middle Ages" — Jan Ziolkowski

Victoria Clark for her submission titled "Alternative Splicing Factor Splicing Is Required for Terminal Differentiation of Rod Photoreceptor Outer Segments in the Mouse Retina" — Constance Cepko

Dustin Clausen for his submission titled "The Springer Correspondence" — Dennis Gaitsgory

Chiara Condi for her submission titled "If Francis had upheld him to the last, he would have been the Luther of France: The Trial of Louis de Berquin 1523-1529" — Steven Ozment and Tom Conley

Michael Coulter for his submission titled
(See **Hoopes**, next page)

Fay

(Continued from previous page)

sidered how computer deployment affected students’ standardized test scores. This question is of significant educational policy importance to developing countries, as local governments and international aid organizations are presently introducing computers into schools there in hopes of improving student achievement. Kouskalis’ research involved numerous interviews with teachers and principals on-site, from which he gleaned valuable insights into the technical, human, and organizational factors that impede successful computer use in their schools. From this research, he was able to develop insightful analyses, draw conclusions, and provide information that may influence future policy in these countries.

Mary Brinton, the Reischauer Institute Professor of Sociology at Harvard University and Kouskalis’ thesis adviser, commented, “The thesis is distinguished by the clarity of the research question, the tremendous theoretical and policy value of the question, thorough immersion in the relevant social science literatures and, above all, the very skillful use of sophisticated quantitative research strategies coupled with well-informed qualitative analysis.”

Based on his findings, Kouskalis argues that the use of computers in classroom settings in these countries has not improved students’ standardized test scores. He analyzes the reasons for the failure and concludes, for instance, that technical issues — such as delayed and unreliable maintenance of hardware and software — are a greater hindrance to effective computer use in developing countries than they are in developed ones. He suggests that, in addition to simply supplying computers, governments and organizations should ensure that schools are capable of supporting computers’ technical needs.

According to Kouskalis, the key to success is using computers as supplements to traditional classroom learning — where students work independently with computers on assigned tasks — rather than having teachers use them as lesson-delivery tools. These findings could be significant to educational policy in developing countries because they run counter to the status quo and beliefs that simply filling classrooms with computers will improve student performance.

Kouskalis stated that he was “pleasantly surprised and extremely honored to be chosen for the Fay Prize.” He also expressed his deep gratitude to his thesis advisers, his collaborators in Namibia and South Africa, and his friends and family.

As an undergraduate at Harvard, Kouskalis spent time in Namibia, working on a variety of education-related development projects. His most recent position was assistant country director for WorldTeach Namibia. At Harvard, he co-founded and served as the program director of the Harvard College Youth Leadership Initiative and was also a student government representative. Following graduation, he’ll work in Kilifi, Kenya, supported by Harvard’s Elliot and Anne Richardson Fellowship. There, he’ll focus his efforts on a social enterprise project in agricultural development with the nonprofit organization KOMAZA. Kouskalis is from Deer Park, N.Y.

Hoopes

(Continued from previous page)

“Slightly Salivating, Over Your Fever: Mercury in Therapeutic Medicine during the 18th and Early 19th Centuries” — Aaron Mauck

Henry Cowles for his submission titled “‘Harmless, Beautiful, or Rare’: The Origins of Wildlife Protection in Britain, 1860-1873” — Janet Browne

Richard Cozzens for his submission titled “‘We’re not Gs — We’re Arabs’: Arab Identity in the Politics and Poetics of Rap in Jordan, Syria and Palestine” — Virginia Danielson

Abigail Darby for her submission titled “A Panel of Judges: The Response of the American Medical Profession to Koch’s Discovery of the Tubercle Bacillus” — Grischa Metlay

Elizabeth David for her submission titled “History for a Changed World? Geoffrey Barclough, the Campaign for Universal History, and the English Historical Profession in the Mid-20th Century” — David Armitage

John Davies for his submission titled “Milton’s Teleological Psychology” — Gordon Teskey

Denise Delaney for her submission titled “Marginality and Violence: The Experience of Being a Desplazado in the Colombian Capital” — Kimberly Theidon

Eva Dickerman for her submission titled “Before the Law: Stands a Doorkeeper: Race, National Belonging and the Quest for Minority Citizenship in Post-Imperial Austria, 1920-1924” — Alison Frank

Darja Djordjevic for her submission titled “Persecution and the Double Bind: An Ethnographic Study of Women Asylum Seekers and the Comité médical pour les exilés” — Arthur Kleinman

Chiazotam Ekekezie for her submission titled “‘Make Jealousy for Her’: Witchcraft, ‘Modernity’ and Local Anxieties about Moralized Reproduction in Mala wi” — Felicity Anlino

Kevin Feeney for his submission titled “Forget the Facts: Navigating Identities in David Bradley’s ‘The Chaneyville Incident’ and Colson Whitehead’s ‘The Intuitionist and John Henry Days’” — Cameron Leader-Picone

Jhoshua Friedman for his submission titled “Gregory the Great and the Myth of the Gregorian Chant” — Thomas Kelly

Masha Godina for her submission titled “Giving What They Deserve: The Case Against Desert as a Reason for Action” — Thomas Scanlon

Tyler Goodspeed for his submission titled “Rethinking the Keynesian Revolution: Keynes, Hayek, and the Wicksell Connection” — Charles Maier

Adam Guren for his submission titled “The Marriage Market Returns to College Quality” — Lawrence Katz

Mishy Harman for his submission titled “Blurred Binarism: Jewish Identity in the Case of the Falash Mura” — Caroline Elkins

Nicholas Hayes for his submission titled “From Reverence to Reconciliation: The Kantian Genesis of Hegel’s Conception of Freedom” — Michael Rosen

Erika Helgen for her submission titled “A Polish Pope in Puebla: Liberation Theology, Ecclesiology, and the Third General Conference of the Latin American Episcopate” — John Womack

Seth Herbst for his submission titled “Two Dramas Both Alike: Words, Music, and Imagination in Shakespeare’s and Prokofiev’s Version of ‘Romeo and Juliet’” — Daniel Albright

Miriam Hinman for her submission titled “Degradation Patterns in Subfossil Collagen on Archaeological Sites: New Evidence from Pyrolysis GC-MS and Solid State ¹³C NMR” — Noreen Tuross

Brandon Imber for his submission titled “Rational Design, Chemical Synthesis, and Biologi-

cal Evaluation of a Small-Molecule Library Targeting Histone Demethylases” — Stuart Schreiber

Roumiana Ivanova for her submission titled “Europe’s Soft Power: Limits and Possibilities” — Stanley Hoffman

Mollie Margaret Kirk for her submission titled “Nationalism for Sale: The Commoditization of History and Collective Memory in China’s Red Tourism” — Christopher Leighton

Ivan Kotchetkov for his submission titled “Developmental Anatomy and Molecular Identity of Intra-Telencephalic Corticostriatal Projection Neurons” — Jeffrey D. Macklis

Eric Kouskalis for his submission titled “Does Not Compute: The Introduction of New Technologies to South African and Namibian Classrooms” — Michael Kremer and Mary Brinton

Ajay Kumar for his submission titled “Driving to God: Ohio and Social Density Theory of Religiosity” — Glyn Morgan

Roland Lamb for his submission titled “This, That, and the Other: Zhvangzi’s Sotto Voce Ontology” — Michael Puett

Matthew Lebowitz for his submission titled “Consumption of Science and Its Effects on Attitudes” — Steven Pinker and Carole Hooten

Jonathan Lee for his submission titled “Investigating the Labor Supply Implications of Kahneman’s Peak End Rule” — David Laibson

Jordan Lee for his submission titled “In Search of an Alternative: Negotiating Legitimacy in Reform-Era China” — Kristen Looney

Rachel Lefebvre for her submission titled “Molecular Dissection of TGF- β -Induced Signal Transduction Pathways Controlling T-Cell Differentiation” — Anjana Rao

Paul Linden-Retek for his submission titled “Public Responsibility, Solidarity, and Citizenship: Václav Havel and Jürgen Habermas on Morality and Democratic Politics” — Jonathan Bolton

W. Hugh Malone for his submission titled “‘I Think What I See’: A.R. Ammons’ Poetics of the Real” — Peter Sacks

Elizabeth McKenna for her submission titled “To Be Human Is to Be a Capitalist: A Discursive Critique of Microfinance with a Case Study of Poverty, Power, and Change in Brazil’s Favelas” — Fernando Raine

Sophia McKinley for her submission titled “Sleep, Learning, and Memory in the Elderly” — Robert Stickgold

Luke Messac for his submission titled “Lazarus at America’s Doorstep: Elites and Framing in Federal Appropriations for Global AIDS Relief” — Andrew Reeves

Alison Miller for her submission titled “Explicit Class Field Theory in Function Fields: Gross-Strickland Units and Drinfeld Modules” — Samit Dasgupta

Danny Mou for his submission titled “Edgetic-Profiling of Disease-Associated TP73L Mutant Proteins” — Marc Vidal

David Mou for his submission titled “Improving the ‘Brainbow’ System for Multicolor Cellular Labeling Using Epitope-Tags and Antibodies” — Ryan Draft

Evan O’Donnell for his submission titled “Geometric Core Knowledge: Partial Maps, Length, and Angle” — Elizabeth Spelke

Endria Richardson for her submission titled “Lullwater” — Sven Berckerts

Ari Ruben for his submission titled “Testing Suffrage: Literacy and the Right to Vote in New York, 1915-1975” — Lisa McGirr

Xianpeng (Adam) Sang for his submission titled “Zebrafish Primordial Germ Cells Require Insulin-Like Growth Factor Signaling for Directional Migration” — Antony W. Wood

Caroline Schopp for her submission titled “Monument and Counter-Monument: The Sculptural Libraries of Anselm Kiefer, Michael Ullman, and Rachel Whiteread” — Judith Ryan

Samuel Conrad Scott for his submission titled “The Enlightenment of Bryan Edwards” — Vincent Brown

Francesca Serritella for her submission ti-

tled “White Snake Root and Other Summer Wildflowers” — Bret Anthon Johnston

Jonathan Siegel for his submission titled “The Local Impact of Interstate: Assessing the Effect of Highway Construction on Surrounding Neighborhoods” — Edward Glaeser

Jeremy Singer-Vine for his submission titled “Allan Sekula, Sebastião Salgado, and the Challenges of Labor Photography” — Robin Kelsey

Cecilia Soler for her submission titled “The Divine Parody: Camus’ ‘La Chute’ in the Words of Dante” — Susan Suleiman

Hummy Song for her submission titled “Beyond the Pale: Rethinking American Concepts of Whiteness Through Takao Ozu’s United States (1922)” — Eric Tang

Jackie Stenson for her submission titled “Appropriate Ronda’s Chimney: Reducing Indoor Air Pollution in Rural Southern Africa” — Robert D. Howe

Michelle Steward for her submission titled “Not in My Front Yard: The Use of Neighborhood Appearance in the Construction of Moral Boundaries” — Michèle Lamont

Daniel Stolper for his submission titled “Constraining the Physiological Activity of Deep-Sea Sedimentary Microbial Communities” — Peter Girguis

Jie Tang for his submission titled “Informativeness and Incentive—Compatibility for Reputation Systems” — David Parkes

Elina Tetelbaum for her submission titled “A Sobering Look at How Minimum Legal Drinking Age Laws Affect Traffic Fatalities” — Jeffrey Miron

Adaner Usmani for his submission titled “Reimagining the Revolutionary Vanguard: Frantz Fanon and the Task of the Intellectual” — Ajantha Subramanian

Katherine Van Schaik for her submission titled “The Multiplication of Meaning: The Identification and Characterization of the San Callisto Banquet Images” — Christopher Jones

Beatrice Viramontes for her submission titled “Journeys to Aztlán: The (Re)creation of Pre-Columbian Forms in the Contemporary Chicano Murals of Los Angeles” — David Carrasco

Anh-Thu Elaine Vo for her submission titled “Mercury Exposure and Evolutionary Genetics of Heavy Metal Regulation in Black-footed Albatrosses (*Phoebastria nigripes*)” — Scott Edwards

Ana Vollmar for her submission titled “Whose Voice? Whose History? Human Representation in Edward Palmer’s Ethnobotanical Collections, 1869-1896” — Katharine Park and Nasser Zakariya

Peter Wang for his submission titled “Identifying Novel Genes Involved in Sensory Neuron Function” — Alexander Schier

William Werbel for his submission titled “Shoes: The Arch Enemy? Contrasting the Kinetics and Kinematics of Habitually Shod and Habitually Barefoot Runners” — Daniel Lieberman

Rachel Whitaker for her submission titled “Beyond Books: Film Production and Distribution at the Grove Press Publishing House” — J.D. Connor

Clement Wood for his submission titled “Horatius de Amicitia: Maecenas and the Discourse of Friendship in the Poetry of Horace” — Christopher Krebs

Bobby Xu for his submission titled “The Effect of Relationships on Contract Choice: A Theoretical Approach” — Oliver Hart

Yoshitaka Yamamoto for his submission titled “Flash, Roar, Dream: A Reading of the Dream Imagery in the Hiroshima and Nagasaki Atomic Bomb Testimonial Literature Alongside Freud, Lacan and Coleridge” — Melissa Feuerstein

Crystal Yang for her submission titled “An Empirical Analysis of Rape Shield Legislation” — Claudia Goldin

Elisa Zhang for her submission titled “Distinct Sets of mRNA Target Exhibit Differential miRNA Dose Responses” — Tom Maniatis

NIH awards HMS \$117.5M, five-year grant for patient-centered research

The National Institutes of Health (NIH) has announced that Harvard Medical School (HMS) will receive \$117.5 million over the next five years for the establishment of a Clinical and Translational Science Center (CTSC) that will transform patient-oriented, laboratory-to-bedside research at HMS and its affiliated hospitals.

Harvard University, HMS, and a number of the affiliated hospitals are committing additional funds to this unprecedented effort, bringing to about \$38.5 million per year the amount that will be invested in focusing on advancing and coordinating patient-centered research across the entire disparate Harvard system. Not only will the effort in-

clude the Harvard science and medical community, but it will also bring to bear the expertise and resources of Harvard's Faculty of Arts and Sciences and Graduate Schools of Business, Public Health, Law, Divinity, Engineering and Applied Sciences, Education, Dental Medicine, and Government.

Harvard is one of 14 institutions chosen to share in the \$533 million 2008 NIH Clinical and Translational Research Award (CTSA) program, and as such will join a network of CTSCs based at academic medical centers around the country.

"This is an extraordinary moment for our University, Harvard Medical School, and all of the hospitals and institutes that make up

the Harvard Medical community," Jeffrey Flier, dean for the Faculty of Medicine, said in an HMS-wide e-mail. "The CTSA application required an unprecedented level of collaboration among faculty and staff across our community, as well as a commitment to a broad and compelling vision of clinical and translational research at Harvard."

The Harvard CTSC will be co-directed by Lee Nadler, the Virginia and D.K. Ludwig Professor of Medicine at the Dana-Farber Cancer Institute and HMS, and Steven Freedman, HMS associate professor of medicine at Beth Israel Deaconess Medical Center.

Flier was instrumental in bringing together leaders from Harvard and its affiliated in-

stitutions to plan and design the center. "It's a pan-Harvard effort to bring people to resources — and people to people — to solve problems of human health and to lower current barriers to collaboration," said Freedman. The design of the CTSC has required an unprecedented partnership between Harvard University and its affiliated medical centers.

Harvard University Provost and neurobiologist Steven E. Hyman called the awarding of the grant "a signal moment in the history of Harvard Medical School. This unique grant, along with the funds being contributed by the University and its affiliated hospitals, are glue that can bond together research efforts

(See **NIH**, next page)



Staff photos Justin Ide/Harvard News Office

Max Essex (above), the Mary Woodard Lasker Professor of Health Sciences, heads the Botswana-Harvard Partnership.

Students see AIDS up close

Study abroad program brings undergraduates to Botswana

Editor's note: This is one in an occasional series of pieces sampling the myriad efforts of the University and its affiliated institutions to improve health around the world.

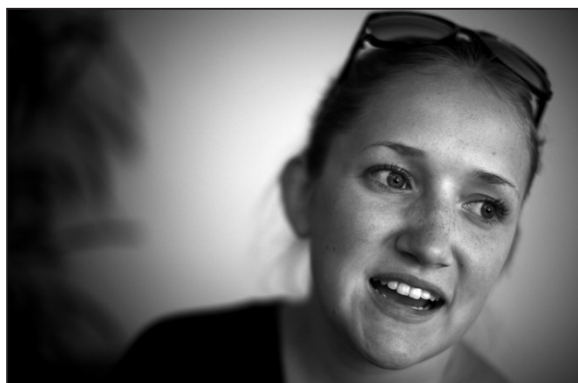
By Alvin Powell
Harvard News Office

While her classmates in Cambridge were shivering through a New England February, Sandy Bolm was sweltering in the heat of a Botswana summer, staring her future in the face in the labs of the Botswana-Harvard Partnership.

"I'm pre-research. I've known that I want to do research for a very long time," said Bolm, a junior biochemical sciences concentrator.

Bolm and two other Harvard undergraduates are spending the spring semester in Gaborone, the capital of the African nation of Botswana. They're taking part in a unique study abroad program sponsored by the Harvard Initiative for Global Health that puts them in the midst of one of the world's greatest health crises — the AIDS pandemic raging across sub-Saharan Africa.

Bolm, Sarah Ashburn, a junior evolutionary biology concentrator, and Nathan Leiby, a sophomore molecular and cellular biology concentrator, take classes at the nearby University of Botswana in the



Sandy Bolm '09: 'I didn't want to take a semester off, so this opportunity — in an area of the world that interests me — was perfect. I love Botswana ... working in the lab here is very exciting.'

morning and work in the partnership's modern laboratory facility on the grounds of Princess Marina Hospital in the afternoon.

The lab, opened in 2001, is a rarity in southern Africa: a modern three-story facility conducting cutting-edge research on HIV, the virus that causes AIDS, and on how best to prevent and treat the disease's spread.

The partnership began in 1996, when the government of Botswana invited the Harvard School of Public Health AIDS Initiative, headed by Lasker Professor of Health Sciences Max Essex, to come to Botswana.

Work done at the lab has informed government policies almost from the start. The partnership's Tshepo study, begun in 2002 and named for the Setswana word for "hope," evaluated different antiretroviral drug regimes even as Botswana became one of the first African nations to begin a nationwide campaign to distribute antiretroviral drugs to its citizens in need.

Since then, the partnership has conducted several other studies, examining everything from mother-to-child HIV transmission to transmission within couples to trials of possible HIV vaccines.

The partnership's work is just one example of an enormous and diverse body of global health research, education, and training across Harvard. Researchers toil away to understand everything from the genetic code of the malaria parasite to the impact of air quality on human health, instructors impart the latest in medical knowledge to top students, and colleagues at Harvard's many affiliated institutions not only teach and conduct research of their own, they also put that knowledge

(See **Students**, page 51)

Mars' water appears to have been too salty to support life

By Steve Bradt
FAS Communications

A new analysis of the Martian rock that gave hints of water on the Red Planet — and, therefore, optimism about the prospect of life — now suggests the water was more likely a thick brine, far too salty to support life as we know it.

The finding, by scientists at Harvard University and Stony Brook University, is detailed this week in the journal *Science*.

"Liquid water is required by all species on Earth, and we've assumed that water is the very least that would be necessary for life on Mars," says Nicholas J. Tosca, a post-doctoral researcher in Harvard's Department of Organismic and Evolutionary Biology. "However, to really assess Mars' habitability we need to consider the properties of its water. Not all of Earth's waters are able to support life, and the limits of terrestrial life are sharply defined by water's temperature, acidity, and salinity."

Together with co-authors Andrew H. Knoll and Scott M. McLennan, Tosca analyzed salt deposits in 4 billion-year-old Martian rock explored by NASA's Mars Exploration Rover, Opportunity, and by orbiting spacecraft. It was the Mars Rover whose reports back to Earth stoked excitement over water on the ancient surface of the red planet.

The new analysis suggests that even billions of years ago, when there was unquestionably some water on Mars, its salinity commonly exceeded the levels in which terrestrial life can arise, survive, or thrive.

"Our sense has been that while Mars is a lousy environment for supporting life today, long ago it might have more closely resembled Earth," says Knoll, Fisher Professor of Natural History and professor of Earth and planetary sciences at Harvard. "But this result suggests quite strongly that even as long as 4 billion years ago, the surface of Mars would have been challenging for life. No matter how far back we peer into Mars' history, we may never see a point at which the planet really looked like Earth."

Tosca, Knoll, and McLennan studied mineral deposits in Martian rock to calculate the "water activity" of the water that once existed on Mars. Water activity is a quantity affected by how much solute is dis-

(See **Mars**, next page)

Three seniors will pursue public service as Richardson Fellows

The Class of 2008 recipients of the Elliot and Anne Richardson Fellowships in Public Service will help others in locations from South Africa to Brazil, documenting human rights abuses, improving sanitation, and helping young women to gain economic autonomy.

The Richardson Fellowships aim to encourage and enhance the pursuit of careers in public service, emphasizing Harvard's commitment to the value of such endeavors. They pay tribute to Elliot and Anne Richardson, who as individuals and as a pair embodied the ideals of public service. Elliot Richardson held three successive Cabinet posts during the Nixon administra-

tion, as well as an ambassadorship and another Cabinet post in the Ford administration. Anne Richardson joined the national efforts of "Reading Is Fundamental" during its infancy and served as its chair from 1981 to 1996. Both enjoyed long and diverse records of service at Harvard and remain the only husband and wife to serve on Harvard's Board of Overseers.

This year's fellows are as follows

David Hausman, a social studies concentrator, will join the International Center for Transitional Justice (ICTJ) in its Cape Town, South Africa, office as an international ICTJ assists countries pursuing accountability

for past human rights abuses. Hausman is interested in both international human rights law and journalism, and will use this year to gain firsthand experience with countries that have recently undergone disruptive political transition.

Eric Kouskalis, a joint concentrator in sociology and economics, plans to work with KOMAZA, a nongovernmental organization serving rural communities along Kenya's coast. Kouskalis will focus on KOMAZA's agricultural development program. He would like to increase the success of this project by improving planning and performance metrics, creating public-private partnerships, and formulating expansion

proposals. Kouskalis expects to earn a graduate degree in development project management.

Elizabeth McKenna, a concentrator in social studies, will work as an associate for the Developing Minds Foundation, a nonprofit organization that builds schools and creates educational programs in impoverished and violent areas of the world, such as favelas, urban slums, and regions of armed conflict. McKenna will design an educational module for women microentrepreneurs in slum communities in Brazil and Colombia. After this experience, she plans to become an educator and community organizer.

NIH

(Continued from previous page)

across not only Harvard's medical and science communities, but also across the other Schools of the University. Thanks to the efforts of Dean Jeff Flier and Lee Nadler, we'll be able to put together a bench-to-bedside translational and clinical research effort that will make the Harvard medical system bigger and more effective than the sum of its storied parts."

According to Nadler, the Harvard CTSC will not only build the University-wide infrastructure necessary to support clinical and translational research but will also alter the culture by creating structured and effective methods to connect and support individual investigators and teams of investigators across Harvard. "We will deploy both new and old resources more effectively, lowering the barriers to the initiation and conduct of clinical and translational research within and across institutions," says Nadler. "We see this as the most immediate opportunity for transformational change at Harvard."

The CTSC is a component of a major strategic planning initiative at Harvard, which aims to unite the University's 11 Schools and 18 affiliated hospitals and research institutes to promote cross-disciplinary collaboration. One of the key strategies of the new initiative is to improve communication across different parts of Harvard and to help clinical investigators locate tools, equipment, collaborators, and expertise throughout the Harvard system.

Historically, investigators wishing to do research that involves reaching across disciplines or institutions have faced logistical and administrative obstacles. The CTSC, instead, will actively facilitate this process; a new Internet portal called CONNECTS will help researchers navigate resources at Harvard and includes a "matchmaking" service that will allow researchers to find one another. The portal will also provide a resource called SHRINE (Shared Health Research Information Network), which contains pooled data on research subjects across hospitals, giving scientists the ability to instantly analyze health data from large populations.

In addition to these online tools, the CTSC leadership is recruiting several scientists who will act as research "navigators" who specialize in a particular field. They will act as matchmakers and consultants, helping to guide investigators toward resources and collaborators to help them achieve their goals. The CTSC will also distribute about \$8 million per year in pilot grants for early translational and clinical studies, focusing on junior investigators who want to work across disciplines or institutions. Grant recipients will also receive support in managing projects. "This will really allow us to nurture people," Freedman said.

Winners of Howard T. Fisher Prize announced

The Committee of the Howard T. Fisher Prize in Geographical Information Science has named four students winners of the award for the 2007-08 academic year. The Howard T. Fisher Prize for excellence in geographic information science was established in 1999 by the Harvard University GIS Users' Group to promote and reward student work in this broad and potentially interdisciplinary area, from both undergraduate and graduate students at Harvard University.

In the undergraduate category, prizes were awarded to Anjali Lohani '08, a candidate for a S.B. in environmental engineering, for the entry titled "Effects of Changes in Land Cover on Water Qual-

ity" and to Jeremy Tchou '09 for his submission "Wind Energy in the United States: A Spatial-Economic Analysis of Wind Power."

In the graduate category, prizes were awarded to Amos P.K. Tai, a first-year graduate student in the School of Engineering and Applied Sciences (SEAS), for his entry titled "Regional Differences in the Effects of Climate Change on Air Quality in the United States with a Focus on Particulate Matter Concentrations" and to Miwa Matsuo, a candidate for doctor of design at the Graduate School of Design (GSD), for her research "Identifying Employment Centers and Modifiable Areal Unit Problem."

Howard Taylor Fisher, a geographer and mathematical cartographer, founded

the Laboratory for Computer Graphics and Spatial Analysis at GSD in 1965 where he developed the synagraphic 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., a global leader in geographic information system modeling and mapping software and technology.

The 2008 Committee members were Stephen Ervin and Paul Cote of GSD; Yi Li, Harvard School of Public Health; Wendy Guan, Center for Geographic Analysis; Sumeeta Srinivasan, SEAS; and Lucia Lovison-Golob, Division of Continuing Education/Faculty of Arts and Sciences.

Staff photo Jon Chase/Harvard News Office



Plus ça change

Fifty years after their graduations, Jay Demerath '58 and Judy Demerath Ed.M. '58 note that Tercentenary Theatre is much the same as it was a half century ago.

Mars

(Continued from previous page)

solved in water; since water molecules continuously adhere to and surround solute molecules, water activity reflects the amount of water that remains available for biological processes.

The water activity of pure water is 1.0, where all of its molecules are unaffected by dissolved solute and free to mediate biological processes. Terrestrial seawater has a water activity of 0.98. Decades of research, largely by the food industry, have shown that few known organisms can grow when water activity falls below 0.9, and very few can survive below 0.85.

Based on the chemical composition of salts that precipitated out of ancient Mar-

tian waters, Tosca and his colleagues project that the water activity of Martian water was at most 0.78 to 0.86, and quite possibly reaching below 0.5 as evaporation continued to concentrate the brines, making it an environment uninhabitable by terrestrial species.

"This doesn't rule out life forms of a type we've never encountered," Knoll says, "but life that could originate and persist in such a salty setting would require biochemistry distinct from any known among even the most robust halophiles on Earth."

The scientists say that the handful of terrestrial halophiles — species that can tolerate high salinity — descended from ancestors that first evolved in purer waters. Based on what we know about Earth, they

say that it's difficult to imagine life arising in acidic, oxidizing brines like those inferred for ancient Mars.

"People have known for hundreds of years that salt prevents microbial growth," Tosca says. "It's why meat was salted in the days before refrigeration."

Tosca and Knoll say it's possible there may have been more dilute waters earlier in Mars' history, or elsewhere on the planet. However, the area whose rocks they studied — called Meridiani Planum — is believed, based on Mars Rover data, to have been one of the wetter, more hospitable areas of ancient Mars.

Tosca, Knoll, and McLennan's work was supported by NASA and the Harvard Origins of Life Project.

GSAS Medal awarded to biologist, physicist, social scientist, art expert

By **Emily T. Simon**
FAS Communications

A biologist who has led groundbreaking research efforts on proteins, an art expert who leads one of the country's foremost museums, an astrophysicist whose theories guide the study of galaxies and planets, and a social sciences professor who has shaped the course of East Asian studies received the Graduate School of Arts and Sciences (GSAS) Centennial Medal on Wednesday (June 4) at the Harvard Faculty Club.

This year's recipients are Susan Lindquist Ph.D. '77, physics; Earl Powell III Ph.D. '74, fine arts; Frank Shu Ph.D. '68, astronomy;

and Ezra Vogel Ph.D. '58, sociology.

The medal was founded in 1989 to mark the centennial of the GSAS. It is given annually to alumni/ae who, building upon their graduate studies, have made significant contributions to society. Past recipients include Margaret Atwood, Roald Hoffmann, and E.O. Wilson.

Susan Lindquist

Susan Lindquist is professor of biology at the Massachusetts Institute of Technology and an investigator at the Howard Hughes Medical Institute. She is a member of the Whitehead Institute for Biomedical Research, where she served as director from

2001 to 2004. Lindquist taught at the University of Chicago from 1978 to 2001 as a professor in the Department of Molecular Biology and as the Albert D. Lasker Professor of Medical Sciences (1999 to 2001).

Lindquist's pioneering work in the field of biological science has focused on proteins, with applications and importance for a range of fields including evolution, human disease, and nanotechnology. In addition to providing definitive evidence for protein-only inheritance and discovering a potential mechanism for rapid bursts of evolution, Lindquist has studied how protein misfolding contributes to neurological disorders such as Huntington's and Parkinson's dis-

eases. Her investigation of prions (proteins that can change into a self-perpetuating form) has identified the mechanism by which they form as well as the role they play in causing diseases such as mad cow.

Among Lindquist's many awards are the Sigma Xi William Procter Prize for Academic Achievement (2006), the Senior Award from Women in Cell Biology (2004), and the Dickson Prize in Medicine (2002). She is a member of the American Academy of Arts and Sciences, the National Academy of Sciences, and the Institute of Medicine. In 2002, she was named one of the top 50 women scientists by Discover magazine.

(See **GSAS**, next page)

Image courtesy of the Theatre Collection/Pusey Library



Line drawing by Winslow Homer showing young men (Harvard students) dancing around the Class Day 'Tree,' a raucous ritual that was banned in 1896. This drawing is from a periodical published in 1858.

A family's recollections of commencements

Class Day bacchanals, elegant 'spreads,' Teddy Roosevelt's reunion

By **Helen Hannon**
Special to the Harvard News Office

William Lawrence, the Episcopal bishop of Massachusetts from 1893 to 1927, lived with his very large family on Brattle Street in a big white house on the Episcopal Divinity School grounds. The Longfellows lived next door. Lawrence was a member of the Class of 1871, a time when Harvard was transitioning from a college to a university under President Charles W. Eliot. For more than 50 years, Lawrence served at the University in various official capacities. And the entire family took great interest in Harvard sporting events, boat races, the Hasty Pudding Theatricals, and the Commencement ceremonies. Their recollections offer an intimate, lively look at a number of Harvard graduation ceremonies at the turn of the last century.

In 1926, Lawrence published his autobiography, "Memories of a Happy Life." In 1967, his daughter, Marian Lawrence Peabody, then in her 90s, published "To Be Young Was Very Heaven." These reminiscences show that although some things change, much stays the same, including certain rituals — and worries — around Commencement. Then as now, people considered the weather and what they would wear, and they looked forward to the Commencement celebrations — and, then as now, sometimes the unexpected happened.

Among the major social events surrounding

a 19th century Commencement were the series of lavish sponsored "spreads" of food and drink for invited guests. They were held all over the campus and were so fashionable that the names of the student sponsors and groups were listed in Boston newspapers.

A more raucous event was the Class Day dance around the "Tree." It had become a tradition for the graduates to circle — hand in hand and employing a mélange of dance steps — around an elm tree in the Harvard-Hollis-Holden Quadrangle. At a certain stage in the rowdy round, the students raced to pull off a wreath of flowers placed high up in the tree, climbing up each other's backs to reach the prize. The Class Day "Tree" ritual eventually got so out of hand (nicely fueled, as it sometimes was, by potables) that it was stopped in 1896, to the strenuous objection of the students. According to Hamilton Vaughan Bail in "Views of Harvard," the actual tree used in the "Tree" dance was killed in the 1909 leopard moth blight. Harvard did try to save it, cutting it back, stripping the bark, and painting it with a wood preservative — but without success.

The Bishop's daughter, Marian Lawrence, described the Class Day of 1892, which she attended when she was 17. "Though [the weather was] undecided early, it was gorgeous by noon. My dress was organdy muslin with blue in it and blue bodice and sash. Very stylish. ... It had a train and elbow sleeves, trimmed with deep lace. My hat was

trimmed in front with white ostrich plumes and was immense, which did not make dancing any easier. Papa and I went to the Gymnasium Spread. This was the best ever, a prettily decorated hall, plenty of room to dance and splendid music. The snappiest band I ever heard. Even Papa thought it was great when they played "Ta-ra-ra boom-de-ay." Miss Lawrence had many partners, the young men even vying for just half a dance with her.

Then everyone went off to the "Tree." The grass enclosure around it was packed, and the seniors had to struggle mightily to reach the coveted wreath of flowers. They finally got them by using each other as human ladders.

On Class Day two years later, Marian Lawrence was once more in attendance, this time sitting beside President Eliot at the Sanders Theatre Exercises. She wore a French muslin dress with blue sash and Leghorn Hat. Later, she witnessed the "Tree" dance: "The class came marching in lock step," she wrote, "all in fearful-looking rough clothes, to the music of a fine band. They marched round and round the Tree and then came the cheering. First for the President and faculty and then, to our surprise, for 'Bishop Lawrence!' Then for the Crew and the Teams." Then the dance commenced, and this time, ac-

(See **Lawrence**, next page)

Courtesy of the Archives of the Episcopal Diocese of Massachusetts



William Lawrence was a member of the Class of 1871, a time when Harvard was transitioning from a college to a university under President Charles W. Eliot.

Lawrence

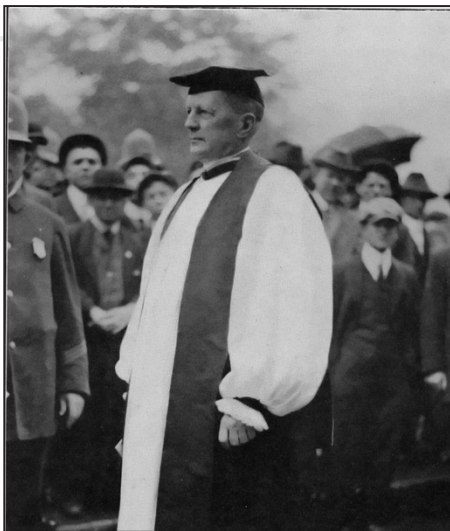
(Continued from previous page)

cording to Miss Lawrence, the scramble for the flowers became “pretty rough.”

That year, the Lawrences went to the “Beck Spread.” The yard was brightly lit with thousands of Chinese lanterns and fireworks, and the Glee Club sang. At the Commencement Dinner in Memorial Hall, they sat in the Ladies Gallery, which held only 15 or 20 people. Marian was impressed to see everyone marching in to a fine band — the President and Corporation and marshals leading all the grads, from the oldest to the youngest. She did not find it “quite so moving to see them eat their dinner and light their cigars.”

At the Harvard Commencement of 1905, William Lawrence was president of the Harvard Alumni. It was also President Theodore Roosevelt’s 25th class reunion. The Lawrences had the honor of hosting the president during his visit. Robert Bacon, Roosevelt’s secretary of the Navy was the chief marshal that year. The Secret Service men stayed at the Episcopal Theological School (now the Episcopal Divinity School), right beside the Lawrences’ home. There were police escorts, crowds around the house, and Roosevelt himself. The president was met at Back Bay station at 7 a.m. and escorted to Cambridge by a dozen mounted police. A large American flag waved from the bow window balcony in front of the Lawrence home.

At 11:30 a.m., Roosevelt and Lawrence went to Class Day. It was pouring, but the



Courtesy of the Archives of the Episcopal Diocese of Massachusetts

For more than 50 years, William Lawrence served at the University in various official capacities.

president would not have the top of the carriage put up. There was a huge crowd on Brattle Street, “mounted police were drawn up on either side of the gate and after the carriages had driven through they all wheeled and cantered after them, making a grand thundering of hoofs.” The president attended several events that day, including his class dinner, where he reveled in the company of his old classmates. The dinner was “a wildly jolly occasion.”

On Commencement Day itself, Roosevelt, the Lawrences, and other dignitaries were escorted by the Lancers, the governor’s mounted ceremonial escort. They were quite impressive in their bright red uniforms, helmets with white

plumes and carrying their lances. William Lawrence wrote in his diary that it was “One of the great days of my life.”

Although Harvard Commencements often showed off the best aspects of national life, like any events that take place in a historical context, they occasionally revealed darker undercurrents. On June 24, 1896, Booker T. Washington received an honorary degree from Harvard. It was a landmark occasion, the first time that a New England university had conferred this honor on an African American. Marian Lawrence thought Washington made the finest speech of all, and there was tremendous applause from the audience. Yet, a sad and telling incident took place when the dignitaries left Sanders Theatre for their luncheon.

William Lawrence saw Washington heading toward Harvard Square and called after him, saying the “lunch was this way.” Waving back, Washington said he would be along presently. The Lawrences later learned that he ate in the square because he was concerned that President Alderman of Tulane University and other Southerners might not be comfortable sharing a table with him. This was a shameful reality of American life in 1896, and for a long time to come.

Special thanks to the Cambridge Historical Commission, David Mittell, Harvard University Archives, Episcopal Diocese of Massachusetts, Episcopal Divinity School.

GSAS

(Continued from previous page)

Earl Powell III

An expert in 19th and 20th century European and American art, Earl Powell III serves as the director of the National Gallery of Art in Washington, D.C. Since assuming leadership of the museum in 1992, Powell has supervised the acquisition of more than 12,000 works of art, the opening of a suite of sculpture galleries, and the establishment of an award-winning Web site. Recently, Powell and the National Gallery have turned their attention to technology in the hopes of making the museum’s collections more accessible throughout the United States.

Prior to joining the National Gallery, Powell was the director of the Los Angeles County Museum of Art (1980-92). His vision and guidance helped transform the museum “from a local institution to a museum of international stature,” according to Art in America magazine. In 1990, Powell published a monograph on Thomas Cole, a 19th century American artist regarded as the founder of the Hudson River School.

Powell is an active member of many prominent arts organizations, including the National Council on the Arts, the Federal Council on the Arts and the Humanities, and the American Philosophical Society. He is a trustee of the American Federation of the Arts, National Trust for Historic Preservation, the White House Historical Association, and the Georgia O’Keeffe Foundation.

He holds honorary doctorate degrees in fine arts from the Parsons Art Institute and Williams College, where Powell received his bachelor’s degree with honors. Powell received the King Olaf Medal of Norway and the Chevalier of the Legion of Honor from France. He

served as an officer in the U.S. Navy from 1966 to 1969, and was in the Naval Reserve from 1969 to 1980.

Frank Shu

Frank Shu illuminates the far reaches of space with his pioneering theoretical work in astrophysics. He has been recognized for advancing knowledge of the structure of spiral galaxies, the dynamics of planetary rings, the origin of primitive meteorites, and the birth and early evolution of stars and planetary systems. Shu’s theory on the density of spiral arms, which he developed as an undergraduate at the Massachusetts Institute of Technology, still governs the way scientists think about the structure of spiral galaxies.

Shu is presently a university professor of the University of California’s 10 campuses and a distinguished professor of physics at the University of California, San Diego. He has held faculty appointments at the State University of New York, Stony Brook, and the University of California, Berkeley. From 1994 to 1996, Shu served as president of the American Astronomical Society. He was president of National Tsing Hua University in Taiwan from 2002 to 2006.

Shu has been honored with a variety of awards, including the Warner Prize, the Brouwer Award from the American Astronomical Society, and the Heinemann Prize from the American Institute of Physics. As a member of Academia Sinica, a prominent academic institution in the Republic of China, Shu helped to found the Institute of Astronomy and Astrophysics.

Ezra Vogel

Ezra Vogel is the Henry Ford II Research Professor of the Social Sciences

Emeritus at Harvard. He has been affiliated with the University since the early 1950s, when he came to Cambridge to study sociology in Harvard’s Department of Social Relations. After completing his Ph.D. in 1958, Vogel spent time researching in Japan and teaching at Yale University. He returned to Harvard as a postdoctoral fellow in 1961, during which time he focused his studies on Chinese language and history.

Vogel was named professor in 1967 and subsequently served as director of Harvard’s East Asian Research Center (1972-77) and chair of the Council for East Asian Studies (1977-80). Following that position Vogel took the helm of the Program on U.S.-Japan Relations at the Center for International Affairs (1980-87). He remains an honorary director today.

From 1993 to 1995 Vogel again left Harvard, this time to serve as the national intelligence officer for East Asia at the National Intelligence Council in Washington, D.C. Upon his return to Harvard he assumed leadership of the Fairbank Center for East Asian Research (1995-99). Vogel became the first director of the Harvard University Asia Center in 1997, and served there until 1999. He has taught courses on a range of topics, including communist Chinese society, Japanese society, and industrial East Asia.

Vogel is a prolific writer and has published many influential works on China and Japan. These include “Japan’s New Middle Class” (University of California Press, 1971), “Canton Under Communism” (Harvard University Press, 1969), “Japan as Number One: Lessons for America” (Harvard University Press, 1979), and “The Four Little Dragons: The Spread of Industrialization in East Asia” (Harvard University Press, 1991).

Herchel Smith Research Fellows to begin this summer

The Herchel Smith Undergraduate Summer Research Fellowship provides financial support to Harvard undergraduates engaged in scientific research at established research centers and laboratories in the United States or abroad. Additionally, the fellowship seeks to prepare recipients for competitive postgraduate fellowships and/or postgraduate study toward a Ph.D. or the equivalent in computer science, mathematics, the natural sciences, and the physical sciences. Now in its fifth year, the fellowship has supported 130 undergraduates in summer science research pursuits at leading laboratories and facilities around the world.

This year’s Herchel Smith Fellowship recipients, including their proposals and research advisers, are as follows:

Sarah Anoke ’09 (chemistry), the effects of mechanical stress on human embryonic stem cell differentiation, using an anisotropic collagen matrix scaffold; Debra Augustine, Department of Biomedical Sciences and Engineering

Leslie Beh ’11 (molecular and cellular biology), characterization of the SUMO E2 conjugating activity of the polycomb protein suppressor of Zeste 12; Nicole Francis, Department of Molecular and Cellular Biology

Megan Blewett ’11 (chemistry), an investigation of organic chemical reactions in multiple sclerosis; Angela Koehler, Simon Willis, Kevin O’Connor, Broad Institute of Harvard and MIT

Sophie Ca ’11 (chemical and physical biology), the efficacy of microsphere-mediated neurotrophic factor delivery in preventing retinal ganglion cell death in glaucoma; Michael Young, Schepens Eye Research Institute

Yi Cai ’11 (molecular and cellular biology), GIPC1 silencing in mammary tumor neovascularization, tumorigenesis, and metastasis; Tom Chittenden and John Quackenbush, Dana-Farber Cancer Institute

Malcolm Campbell ’10 (chemistry and physics), the vital camera project: a novel application of circular dichroism; Adam Cohen, Department of Chemistry and Chemical Biology

Andrew Chen ’11 (organismic and evolutionary biology), invasive species ecology of the Ngaio tree (*Myoporum laetum*); Martin Ruane, Naval Base Ventura County Environmental Division

Yun-ke Chin-Lee ’10 (economics), data analysis and theoretical modeling of online auctions for advertising; Susan Athey, Department of Economics

Alissa D’Gama ’11 (neurobiology or molecular and cellular biology), the effect of site-specific mutations on enzymatic and biological activity in SAD-A and SAD-B kinases; Joshua Sanes, Department of Molecular and Cellular Biology/Center for Brain Science

Kyle Gibler ’09 (economics), the effects of slow-wave sleep on semantic memory; Daniel Schacter, Department of Psychology

Kenneth Gottlieb ’10 (physics), development of magnetic oxides and their applications to spin electronics; Igor Shvets, Trinity College, Ireland

Bing Han ’11 (chemistry), the mechanisms of colon cancer anti-angiogenic treatment resistance; Daniel Chung, Massachusetts General Hospital

Elliot Hawkes ’11 (mechanical engineering), design and fabrication of micro- and nanoscale swimming robots; Brad Nelson, ETH, Zurich, Switzerland

Michael Henderson ’11 (human evolutionary biology), tracking the cell lineage descendants of neural regeneration in *Xenopus tropicalis*; Juan Larrain, Pontificia Universidad Católica de Chile

Timothy Hsieh ’10 (physics and mathematics), applications of the BCFW relations to calculating scattering amplitudes and supergravity; Freddy Cachazo, Perimeter Institute, Canada

Johnny Hu ’11 (chemical and physical biology), structural and biochemical characterization of the *Bacillus cereus* minichromosome maintenance protein complex in relation to DNA replication; David Jeruzalmi, Department of Molecular and Cellular Biology

John Kearney ’10 (physics), development of a nondestructive laser tomography device for high-power ion beams; Juergen P. Ozimski, Imperial College London

Minjae Kim ’10 (engineering sciences), construction

(See **Smith**, page 42)

Six HBS students honored for service to School, society

Six members of the Harvard Business School M.B.A. Class of 2008 have been named winners of the School's prestigious Dean's Award. The recipients, who will be recognized by HBS Dean Jay Light at Commencement ceremonies this afternoon (June 5) on the HBS campus, are Shad Z. Ahmed, Jens Audenaert, Johnita W. Mizelle, Jon R. Puz, Jeffrey C. Shaddix, and Justin L. Silver.

Established in 1997, the annual award celebrates the extraordinary nonacademic achievements of graduating students who, as individuals or in teams, have made a positive impact on Harvard, HBS, and/or broader communities. True to the

M.B.A. program's mission, they have also contributed to the well-being of society through exceptional acts of leadership. Nominations come from the HBS community, and a committee made up of faculty, administrators, and students chooses the recipients.

"This award reflects the remarkable activities and achievements of our students outside the classroom," said Light. "Recipients have set their sights on making our campus and the world a better place. We are happy to honor their accomplishments and confident that this kind of leadership and stewardship will continue throughout their lives."

(See **HBS**, page 37)



Hirsute, hip, and happy, the Dudley Co-op crowd got together two decades ago for their 30th reunion and commemorated the occasion with this appropriately untidy group shot.

Fifty years of free-spirited living

Dudley House alums celebrate difference

By **Corydon Ireland**
Harvard News Office

In September 1958, Harvard College senior Alfred Hurd moved to 3 Sacramento St., an old Victorian mansion the University had bought less than a year before.

The rambling three-story house — with its interior of arched doorways, stained-glass windows, and tiled fireplaces — was the locus of an experiment: Harvard's first cooperative housing dormitory.

Dudley Cooperative House — now the former home of more than a thousand alums — celebrated its 50th anniversary Saturday (May 31). Current residents provided a sumptuous vegetarian buffet and rigged a tent in the backyard to ward off

the day's intermittent rain.

The noisy gala threw together more than 80 former residents, their families, and current residents — about 250 people in all.

"We have a sense that things go back a ways," said Dudley resident Tyler Graham Neill '08, one of the reunion organizers. He kept an e-mail database of who was coming, and from how far back.

Among the guests were nostalgia, whimsy, regret, and the reality of aging. A slight, handsome man walked up to the front steps

at "3 Sac," returning to Dudley after more than 20 years. "Yes," he said to an old friend. "I have no hair."

The gathering was more than a reunion. It was a reminder of Dudley's successive identities. The House started as a place for outsiders to fit in. Before long, it was a place for outsiders to happily stay out of Harvard's mainstream.

"There's always been a sense of marginality in relation to the main Harvard scene," said co-organizer Richard Cozzens '08, who fled Adams House after two years to take up residence at Dudley. "It's definitely true now, and it was definitely true in the very beginning."

In 1958, Dudley was economical nontraditional housing for financially pressed students, and for locals who were tired of commuting. It replaced the Non-Resident Student Center, which had opened at Dudley Hall in 1935.

When he arrived at 3 Sac, Hurd was a U.S. Navy veteran in his mid-20s who had spent the previous year commuting from home. He was on the GI Bill, which paid \$110 a month, so Dudley's reasonable room and board were welcome news. Annual costs were cheaper by half than at traditional Harvard Houses: \$450 compared with \$1,095.

At other Houses, sedate meals were

served by waitresses; dinner came with a printed menu. But Dudley residents fixed their own breakfast, stocked the pantry after haggling over prices with Haymarket vendors, and chipped in to clean and maintain the premises. (A local woman cooked dinners.)

In 1959, a second Dudley residence opened — an old Victorian at 1705 Massachusetts Ave. that was quickly dubbed "05."

Not long after Hurd's time, Dudley acquired a reputation for fratlike pranks, though innocence prevailed.

In the winter of 1961, neighbors complained about a big-busted "snowwoman" in Dudley's front yard. The police arrived, and in an early sign of protest, students called their creation an example of free speech. (They won.)

In 1965, Dudley residents threw a "beatnik party." There were indoor soccer matches and snowball fights. And hydrogen-filled garbage bags, fitted with toilet paper fuses, were known to explode over Radcliffe Yard. Suspicions fell squarely (and accurately) on Dudley.

The mid-1960s brought a vanguard of undergraduates who over a few years would

(See **Dudley**, next page)



Staff photo Justin Ide/Harvard News Office

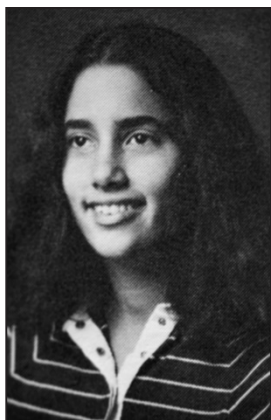
'There were a lot of us that were a lot more about satire than about confrontation,' says James Maslach '69.

If these walls could talk ... Dudley Cooperative alums share their stories,
<http://www commencement.harvard.edu>

Dudley



Now and then: Claudia Brett Goldin '88 (above left and below left) reminisces with classmate Justine Henning (above right and below right).



Still different after all these years, five decades of Dudley Co-op dwellers pose for a 50th reunion photo. Staff photos Justin Ide/Harvard News Office



In Dudley's sunny communal living room, David Zoll (above left) and Dan Veach, both from the Class of 1970, recall old times with the help of some photographs.



Alfred Hurd '59 (above left), a retired project manager who now runs a community performing arts complex in Media, Pa., was one of the original members of the Dudley Co-op.

(Continued from previous page)

transform Dudley into the heart of campus protest. By 1967, the kitchen — now fully staffed by residents — was used to plot strikes and protests. Students for a Democratic Society (SDS) kept a mimeograph machine in the basement of '05, and another one at 3 Sac, in a bathtub.

"This was a great place, where there was a real alternative going on," said retired librarian Daniel Veach '70, who was then SDS co-chair and now edits the Atlanta Review, a poetry journal. "And it wasn't just fun and games — we were putting our lives on the line."

He was arrested and expelled in 1970 after a sit-in demanding a black studies department at Harvard, but returned in time to graduate with the Class of 1972.

Dudley and its contrarian traditions are "incredibly valuable to Harvard," said Veach. "And it's a credit to Harvard that it kept the place, despite all the obnoxious disagreements."

But '60s-era life at Dudley was more than protest.

"There were a lot of us that were a lot more about satire than about confrontation," said James Maslach '69, who in 1968 neatly lettered a famous sentiment on a Dudley wall: "Don't spit in the soup. We all have to eat."

"A lot of things have been forgotten," he said of the communal ideals of the time, "and a lot of things have been emphasized more than their importance."

Maslach, now a California glassblower, said Dudley then and Dudley now are "a pretty small force in a pretty large catastrophe."

In the 1970s, Dudley remained headquarters for social experimentation, though dissent took more private forms, like naked dinner parties.



Maslach was the wag who, in 1968, neatly lettered a famous sentiment on a Dudley wall: "Don't spit in the soup. We all have to eat."

Dissent in those days was also in a choice of roommates. Damon Paine, a homeless man who loved Twinkies, steak, and hand-rolled cigarettes, came to Thanksgiving dinner in 1969 — and stayed until 1985 (the year he died). He was revered for his authenticity by some, and at least tolerated by others because his presence displayed Dudley's social openness and defiance of authority.

"It was a very intense, warm community," said Claudia Brett Goldin '88, now Colorado's first assistant attorney general. "Any type of human interaction you wanted was available."

She moved to Dudley as a freshman with roommate Justine Henning '88, now a Brooklyn, N.Y., tutor who teaches homeschooled children. The offbeat Harvard House "im-

mediately felt like home," said Henning. "It opened my mind to making education something that is part of my life way beyond school."

Dudley today remains a wood and glass representation of Harvard's proud outsiders, though definitions of marginality have changed, said Cozzens.

Traditions remain too. A House-sponsored slow striptease at Lamont Library on the eve of exams "loosens people up," said Neill. "Thanksoween," a Halloween-night dinner with costumes, is the one time each year Dudley breaks its vegetarian rule, by serving turkey. And don't forget the naked dinners, which go back to 1978. (This year's, Cozzens admitted, was thinly attended.)

A hint of prankishness remains, too, if only in Dudley's once-a-semester talent shows. The last one featured balloon tying, a demonstration of nunchucks ("I like to do dangerous things," said Neill, an expert with the two-stick chained weapon), and blindfolded haircutting.

Hurd — a retired project manager who now runs a community performing arts complex in Media, Pa. — had not set foot in Dudley in 50 years. But the reunion clued him in on the House's eventual reputation for pushing social limits. Later residents, Hurd offered politely, seemed to be "somewhat looser than we were."

He related his own brush with daring in the 1950s: joining the Hasty Pudding Club. "But I never did anything there," said Hurd. "I discovered that those were guys who liked to dress up as women ... and I was pretty stuffy, I guess."

Fifty years later, a few days before the reunion, Neill and Cozzens relaxed in Dudley's sunny communal dining room.

Walking past was another resident: a blond, muscular, bearded man. He was wearing a sundress.

A joyous peal of bells will ring throughout city in time-honored tradition

Among the bells commemorating this year's Commencement is the 17-bell Russian *zvon* of Lowell House (detail right). It's the last time it rings before returning to the Danilov Monastery in Russia. See story below.



Staff file photo Justin Ide/Harvard News Office

In celebration of the city of Cambridge and of the country's oldest university — and of our earlier history when bells of varying tones summoned us from sleep to prayer, work, or study — this ancient yet new sound will fill Harvard Square and the surrounding area with music when a number of neighboring churches and institutions ring their bells at the conclusion of Harvard's 357th Commencement Exercises, for the 20th consecutive year.

The bells will begin to ring at 11:30 a.m., just after the sheriff of Middlesex County declares the Commencement Exercises adjourned. They will ring for approximately 15 minutes.

The deep-toned bell in the Memorial Church tower, for years the only bell to acknowledge the festival rites of Commence-

ment, will be joined by the 17-bell Russian *zvon* of Lowell House (the last time it rings before returning to the Danilov Monastery in Russia and is replaced), the bell of the Harvard Business School, the historic 13-bell "Harvard Chime" of Christ Church Cambridge, the Harvard Divinity School bell in Andover Hall, and the bells of the Church of the New Jerusalem, First Church Congregational, First Parish Unitarian Universalist, St. Paul Roman Catholic Church, St. Peter's Roman Catholic Church, University Lutheran Church, Holy Trinity Armenian Apostolic Church, North Prospect United Church of Christ, First Baptist Church, and St. Anthony's Church.

(See **Bells**, next page)

Staff photos Rose Lincoln/Harvard News Office



Hierodeacon Roman, chief bellringer from Danilov Monastery, listens through a translation device to a talk during the bells symposium.

The Russian bells: A multifaceted love story

Symposium looks at curious, circuitous history of the Lowell House bells

By Ruth Walker
Special to the Harvard News Office

The saga of the Lowell House bells, scheduled to return to Russia this summer after 78 years at Harvard, was the subject of a festival and symposium Sunday and Monday (June 1-2) at Lowell House and the Barker Center.

The history of the bells is a multifaceted love story of an unusual sort, and a story of homecoming, too.

The bells were a gift to Harvard in 1930 by Charles Crane, a Chicago industrialist-cum-diplomat who made his fortune in the manufacture of sanitary plumbing fixtures. He rescued the bells — a set of 17 plus one that didn't match — from the Danilov Monastery in Moscow at a time when the Russian Orthodox Church was under relentless attack.

The Stalinist government of the Soviet Union had decided, as Lowell House Master Diana L. Eck explained it, that "the bells in Russia should be replaced with the sound of factory whistles."

But Crane had fallen in love with the mysterious and compelling sounds of Russian church bells when he first heard them on entering the Russian city of Rostov. When he found out that the Danilov bells were available for purchase, he bought them — 33.8 tons of bronze — for the price of their value as metal and bestowed them as a gift to Harvard.

Abbott Lawrence Lowell, the president of Harvard at the time, was known to have an interest in bells. He was rumored to be interested in a carillon that would

be able to play "Fair Harvard."

That was exactly what the Danilov bells were not suited to do. As Luis Campos (A.B. '99 and Ph.D. '06), a former Lowell House bell ringer, explained at the symposium, "There were no 'selections' to be played."

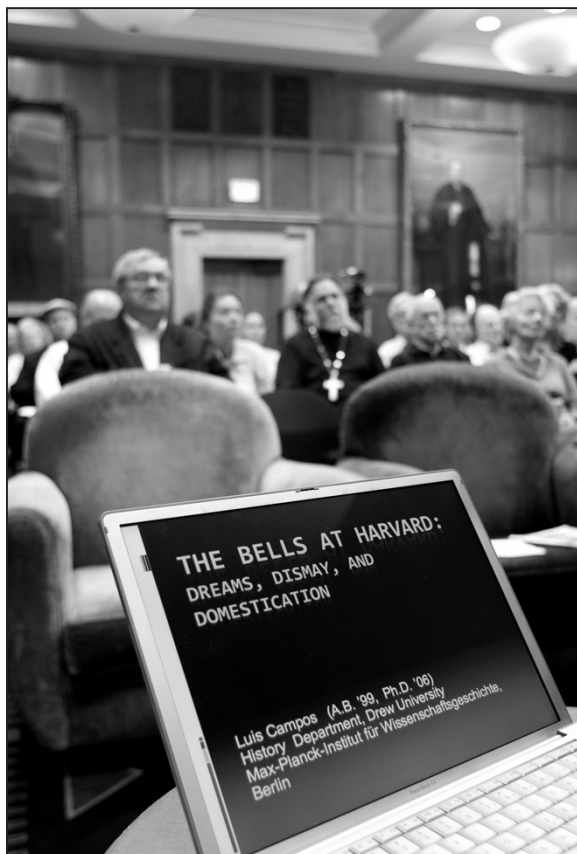
A Western-style carillon is in effect a musical instrument: a set of bells that function together as a single instrument, as a set of strings makes up a harp. A carillon can play tunes. In the very rich, but very different, Russian Orthodox tradition, the bells are chimes. They work their magic not with melody but with complicated rhythms. They are tuned differently from Western bells. And they fulfill specific roles in the spiritual life of the community.

Heralding the results of football games, however, was not one of these.

And so the bells' debut on Sunday, April 5, 1931, drew headlines such as "Tons of Chimes at Harvard and Not a Note of Music," as Campos recalled. But, as he also recounted, there was at the beginning another view of the kind of music the bells should produce, and it was neither "Fair Harvard" nor traditional Russian Orthodox chiming.

In Russia, Thomas Whittemore, an archaeologist and historian (Harvard Graduate School '98) who worked with Crane, engaged Konstantin Saradjev as a sort of curator of the Danilov bells. Saradjev was an unworldly figure who could have been invented by Dostoevsky. The lack of diplomatic relations between the United States and the Soviet Union that made getting

(See **Symposium**, next page)



Bells

(Continued from previous page)

Bells were already in use at Harvard in 1643 when “New England’s First Fruits,” published in London that year, set forth some College rules: “Every Schollar shall be present in his tutor’s chambers at the 7th houre in the morning, immediately after the sound of the bell ... opening the Scripture and prayer.”

Three of the 15 bells known to have been in use in Massachusetts before 1680 were hung within the precincts of the present College Yard, including the original College bell and the bell of the First Parish Church.

Of the churches participating in the joyful ringing today, one, First Parish, has links with Harvard that date from its foundation. The College had use of the church’s bell, Harvard’s first Commencement was held in the church’s meetinghouse, and one of the chief reasons for selecting Cambridge as the site of the College was the proximity of this church and its minister, the Rev. Thomas Shepard, a clergyman of “marked ability and piety.”

Another church ringing its bells in celebration is Christ Church Cambridge. The oldest church in the area, it houses the “Harvard Chime,” the name given to the chime of bells cast for the church in anticipation of its 1861 centennial. Two fellow alumni and Richard Henry Dana Jr., author of “Two Years Before the Mast,” arranged for the chime’s creation. The 13 bells were first rung on Easter Sunday, 1860: Each bell of the “Harvard Chime” bears in Latin a portion of the “Gloria in Excelsis.”

Referring in 1893 to the “Harvard Chime,” Samuel Batchelder wrote, “From the outset the bells were considered as a common object of interest and enjoyment for the whole city, and their intimate connection with the University made it an expressed part of their purpose that they should be rung, not alone on church days but also on all festivals and special occasions of the college, a custom which has continued to the present time.”

The Russian bells of Lowell House ring on an Eastern scale, and have a charming sound and history, as do the bells of the Cambridge churches joining in concert today. A thoughtful student of bells in 1939 wrote, “... Church bells, whether they sound in a tinkling fashion the end of the first watch in the dead of night, announce the matins a few hours later, or intone the vespers or angelus, have a peculiar fascination. Chimes affect the heartstrings”

— Cynthia W. Rossano

Committee on African Studies awards grants

The Harvard Committee on African Studies has awarded nine research grants to Harvard students for travel to sub-Saharan Africa during the summer of 2008. The undergraduates are juniors who will be doing research for their senior honors theses; the graduate students will be conducting research for their doctoral dissertations. The grants are funded by the Office of the Provost and by an endowment established through the generosity and commitment to Harvard African Studies of Jennifer Oppenheimer ’89, J.D. ’93.

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 <http://www.fas.harvard.edu/~cafrica/grants.shtml>.

The 2008 undergraduate grant recipients are as follows:

Gloria Cheche, environmental science and public policy, will look at using trans-disciplinarity to assess the effectiveness of environmental policies/projects in Tanzania.

Heidi Kim, social studies, will investigate the role of faith-based organizations in delivering health care in Rwanda.

Robert Ross, social studies, is working on a project titled “Post-Conflict Reconciliation Process in Northern Uganda: The Origins and Evolution of Mato Oput.”

Lauren Yapp, history and anthropology concentrator, will research “District Six and Sophiatown: The History and Memory of Lost Communities and Cultures in South Africa.”

The 2008 graduate grant recipients

are as follows:

Ivelina Borisova, Graduate School of Education: “Sier ra Leone’s Child Soldiers: The Role of the Family in the Pathways of Reintegration and Adjustment.”

Brooke Jack, Kennedy School of Government: “Allocation of Direct Incentives for Water Quality Improvement in Malawi.”

Philipp Lehmann, history, Graduate School of Arts and Sciences (GSAS): “The Nature of Colonialism: The German Imperial Encounter with the East African Landscape.”

Janet Lewis, government, GSAS: “Protecting the Periphery: Violence and Center-Periphery Economics Integration in African States.” Lewis is the recipient of the Jennifer Oppenheimer Grant.

Chérie Rivers, African and African American Studies, GSAS: “Music in Senegalese Film After Sembene.”

Reminder information for Commencement

Morning Exercises

To accommodate the increasing number of those wishing to attend Harvard’s Commencement Exercises, the following guidelines are proposed to facilitate admission into Tercentenary Theatre on Commencement Morning:

- Degree candidates will receive a limited number of tickets to Commencement. Parents and guests of degree candidates *must* have tickets, which they will be required to show at the gates in order to enter Tercentenary Theatre. Seating capacity is limited; however, there is standing room on the Widener steps and at the rear and sides of the Theatre for viewing the exercises.

Note: A ticket allows admission into the Theatre, but does not guarantee a seat. The sale of Commencement tickets is prohibited.

- Alumni/ae attending their major reunions (25th, 35th, 50th) will receive tickets at their reunions. Alumni/ae in classes beyond the 50th may obtain tickets from the Classes and Reunions Office, 124 Mt. Auburn St., sixth floor, Cambridge, MA 02138.
- Alumni/ae from nonmajor reunion years and their spouses are requested to view the Morning Exercises on large-screen televisions situated in the Science Center, Sanders Theatre, most of the undergraduate Houses, and professional

Schools. These locations provide ample seating, and tickets are not required.

Afternoon Exercises

The Harvard Alumni Association’s Annual Meeting convenes in Tercentenary Theatre on Commencement afternoon. All alumni and alumnae, faculty, students, parents, and guests are invited to attend and hear Harvard’s president and the Commencement speaker deliver their addresses. Tickets for the afternoon ceremony will be available through the Harvard Alumni Association, 124 Mt. Auburn St., sixth floor, Cambridge, MA 02138.

— Jacqueline A. O’Neill
University Marshal

Symposium

(Continued from previous page)

Saradjev a visa problematic was only the beginning of the challenges of getting him to Cambridge. As Campos related, he arrived with four pairs of socks, two handkerchiefs, and no knowledge of English.

But, as Hugh Olmsted explained in his presentation, Saradjev was a remarkable talent. He had such a keen sense of pitch that he could distinguish among 243 fractional pitches between two whole tones on the musical scale, where most people hear only a single semitone. His vision

Returning the bells to Russia,

<http://www.news.harvard.edu/gazette/2008/05.29/01-lowellbells.html>

was to use the Danilov bells for his own musical compositions, or “harmonizations,” as he called them. And he was willing to file the bells down himself to retune them as needed.

But, alas, by December 1930, it was clear — to Harvard officials at least — that Saradjev needed to be repatriated for reasons of his own mental and physical health. The installation of the bells awaited the arrival of another Russian expert, this one from New York.

When the bells were finally installed, the students of Lowell House were not happy. As Campos related, the ringing of the bells interfered with the students’ sleep and study. Their protests included banging pots and pans, simultaneous flushing of all the toilets in the house (take that, Mr. Crane!) and the heaving of alarm clocks out of windows.

The official correspondence about the bells peters out after the late 1930s, but over the decades, the bells worked their way into the hearts and minds — and ears — of Lowell House and the Harvard community.

And so by the time the question of repatriating the bells arose in earnest in the 1980s, as the millennium of Russian Orthodox Christianity approached, Harvard wasn’t so sure it wanted to give the bells back.

At one point the Danilov Monastery offered an exchange of bells — a new replacement set for the originals. Part of the story is the revival of the art and craft of bell casting in postcommunist Russia.

A turning point, as Eck, who is professor of comparative religion and Indian studies, related, came when it was decided, “The University has every right to keep the bells, and every right to give them away.”

A delegation came from Russia in December 2003 — this week’s symposium featured a glimpse of the group gathered at the statue of John Harvard. At that point, Lawrence Summers, then president of the University, signaled willingness “to explore what would be involved” in returning the bells.

At this week’s symposium, Eck recalled hearing the Lowell bells played by the visiting Russians for the first time and feeling, “These are their bells.”

It was a long negotiation, but eventually a deal was struck. The repatriation is being financed by the Russian philanthropist Viktor Vekselberg through his Link of Times Foundation. The bells will be removed from the Lowell House bell tower next month and are to be installed in the rebuilt Danilov Monastery in Moscow by September.



Staff photo Rose Lincoln/Harvard News Office

Former Harvard bellringer John Van Sickle ’58 listens to panelists at the symposium.

English, Latin, graduate orators get a chance to make their voices heard

Student orations are a tradition at Harvard Commencement exercises. The oldest is the Latin Oration, which goes back to 1642, recalling an age when studying the classics was at the core of learning.

Graduates share their thoughts,
http://www commencement.harvard.edu/

This morning's orations bring together a young literature scholar on the eve of public service, a classics concentrator on her way to medical school (after a year of studying archaeology), and a U.S. Army officer who served in Iraq.

In their own ways, the three orators represent Harvard's diversity as it is measured by the immeasurable — the ineffability of experience. They represent the wide array of backgrounds that students bring to the University and the wide array of horizons that awaits them beyond Cambridge.

Thomas Dichter/English Oration

Standing on the dividing line between the future and the past, Thomas Dichter is thinking about service.

Dichter, a graduating Harvard College senior, will deliver the English Oration on Commencement Day.

An English concentrator from Quincy House, Dichter noted that Commencement is steeped in tradition and history, but it is also a unique moment to look at the future. During his speech, he will talk about memory and history and about how Harvard history parallels American history — and that certain obligations follow from that fact.

For himself, Dichter plans to spend the next year working to combat poverty for a nonprofit through the AmeriCorps program. He's still awaiting a final assignment, but he's interested in working in Philadelphia, possibly in a program to help people enroll in food stamp programs.

When asked to reflect on his four years at Harvard, Dichter said he hopes he's become more open-minded. Academically, he's changed his focus from politics to literature, though he says he's found a subject at their intersection: the literature of prisons and how the soaring prison population in this country has affected American society.

Dichter, who grew up in Sudbury, Mass., said he is interested in pursuing that subject in graduate school, but wants to spend a year working before diving back into his studies.

Dichter is philosophical about the end of his college career, saying he doesn't know

(See **Orators**, page 52)

Phi Beta Kappa Tuesday, June 3 11 a.m.



Staff photo Kris Snibbe/Harvard News Office

Physicist Steven Weinberg takes the stage to deliver the Phi Beta Kappa Literary Exercises oration.



Staff photo Jon Chase/Harvard News Office

Fifer Steven Faulkner Jr. '10 (left) and drummer Rafael Garcia HBS '09 lead the Phi Beta Kappa procession in front of the Science Center.



Staff photos (above, below)
Jon Chase/Harvard News Office



Staff photo Matt Craig/Harvard News Office

President Faust enthusiastically congratulates the brand-new members of the honorary society Phi Beta Kappa.



Students (top) process into Memorial Hall for the PBK Literary Exercises. Nobel laureate Weinberg (above), this year's orator, waits to speak.

Talk, poem mark PBK ceremony

Physicist Weinberg speaks and poet Carl Phillips reads his work

By Corydon Ireland
Harvard News Office

Late Tuesday morning (June 3), Adam Goldenberg '08 — in a fashionable bow tie and flowing academic robes — joined a long line of gowned seniors in the shade of trees outside Harvard Hall.

A few months before, the Vancouver, B.C., social studies concentrator had dressed a little differently (in pink tights and a yellow Bo Peep dress) to entertain Hasty Pudding's Man of the Year Christopher Walken.

"This is a little less flamboyant," Goldenberg offered.

And a good thing, too, given the gravity of the occasion. He was in line with other recipients of Phi Beta Kappa (PBK) honors this year, ready for the traditional fife-and-drum procession to Sanders Theatre.

Since 1876, Sanders has been the venue for the Literary Exercises — a celebration in honor of PBK scholars that was

first held in Holden Chapel in 1782.

Harvard's PBK chapter, called Alpha Iota of Massachusetts since 1995, first met in 1781, two years before the end of the Revolutionary War. It's the oldest continuously running chapter in the United States.

Goldenberg and his peers reached Memorial Hall by 11 a.m. A few minutes later, seated in Sanders and joined by a thousand or so well-wishers, the new inductees watched as the sedate tradition unfolded for the 218th time.

Howard Georgi, president of the chapter and Harvard's Mallinckrodt Professor of Physics, provided the welcome, wearing his trademark running shoes beneath his academic robes. He briefly introduced Harvard President (and Lincoln Professor of History) Drew Faust, who was at the Literary Exercises for the first time as president.

At the heart of the PBK ceremony are two addresses: one by a poet, who reads a work written just for the occasion. The other is by an "orator" — a kind of guest essayist invited to

offer a timely discourse.

Georgi pointed to honorees of the past. Invited poets have included Henry Wadsworth Longfellow, Carl Sandburg, Robert Frost, and Wallace Stevens. The orators have included John Quincy Adams, Ralph Waldo Emerson, and E.O. Wilson, Pellegrino University Professor *Emeritus* at Harvard.

This year's Phi Beta Kappa poet was Carl Phillips '81, a one-time classics concentrator who teaches at Washington University in St. Louis, and who taught poetry writing at Harvard in 1995-96. His "The Rest of Love" was a National Book Award finalist. The latest of his nine books is "Quiver of Arrows: Selected Poems 1986-2006."

He read "Night" — a new poem about "risk and faint-heartedness," he said — dueling views of the world by which we order our lives.

"Now risk, now faintheartedness," the poem read in part.

(See **PBK**, next page)

PBK

(Continued from previous page)

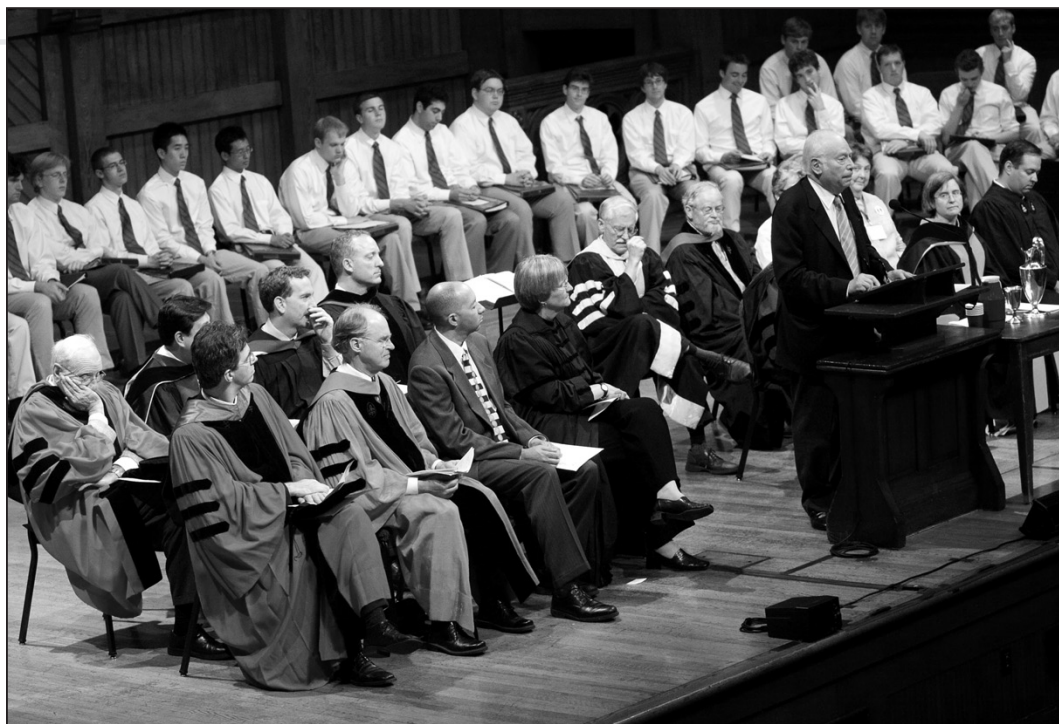
“Now a kind of youth again.”

The oration — a wide-ranging, funny, and engaging rumination titled “Without God” — was delivered by University of Texas physicist and 1979 Nobel laureate Steven Weinberg, who from 1973 to 1982 was Higgins Professor of Physics at Harvard.

With the rise of science, the power of religion has weakened, said Weinberg, who over the decades has never been afraid to depart from physics and enter wider realms of public debate. “As religion weakens,” he asked, “how are we to live without God?”

Morally, and with empathy and courage, he said. “There is a certain honor, or perhaps just a grim satisfaction, to facing up to life without wishful thinking and without despair — with good humor, but without God.”

Weinberg pointed out four main sources of tension between religious belief and science. For one, religion’s long-observed mysteries are gradually all being explained “in a purely naturalistic way,” he said — though science will never have all the answers.



Staff photo Kris Snibbe/Harvard News Office

In his oration, Weinberg, who was Higgins Professor of Physics at Harvard from 1973 to 1982, said that religion offers a moral code, advice on sexual behavior and diet, healing rituals, and what he called ‘the comfort of affiliation.’

students are profoundly grateful to him for changing the way they hear the world,” she said.

Carlos Diaz Rosillo, a political science graduate student and teaching fellow, got the second teaching award for embodying “the best of what Harvard outstanding graduate students can offer to Harvard’s outstanding undergraduates.”

James Wilkinson, director of the Derek Bok Center for Teaching and Learning, introduced seven of the day’s nine honorary PBK members. (Phillips and Weinberg, the other two, got separate introductions.)

The seven: Frederick H. Abernathy, Harvard’s Gordon McKay Professor of Mechanical Engineering and expert on “lean manufacturing” and on real-world problems of energy con-



Staff photo Matt Craig/Harvard News Office

Proud Chief Marshal James Wilkinson ’65 (above) wields a baton with the expertise of someone born to the job.



Staff photos (above and below) Kris Snibbe/Harvard News Office

Erin Baggott (left) and Luther Gatewood listen intently during the Phi Beta Kappa Literary Exercises.

Science has also taken away any special role humans might think they have in the universe that we now know is a vast territory billions of galaxies wide.

A third tension is more important to Islam than to Christianity, Weinberg speculated: “The laws of nature seem to put God’s hands in chains” — a view of the universe infuriating to fundamentalists of any stripe.

And lastly, science has altered our views of authority. There are experts, he said of his vocation, but no sacred writings. In science, Weinberg said, any expert “might be wrong.”

In this age, he said, the details of religious belief — the nature of God, the afterlife, sin — are less important to most people than the idea of leading a good life. Religion, he said, offers a moral code, advice on sexual behavior and diet, healing rituals, and what Weinberg called “the comfort of affiliation.”

Beyond that, Weinberg asked, “I wonder how long religion can last without its core — the belief in something supernatural.”

Life without God or the comfort of an afterlife is tolerable with humor, he said — the kind of “sympathetic merriment” celebrated by Shakespeare.



Then there are the pleasures of life, said Weinberg. “When bread and wine are no longer sacraments, they will still be bread and wine.”

Earlier in the ceremony at Sanders Theatre, Henry Charles Lea Professor of History Ann Blair announced two Phi Beta Kappa

Teaching Prizes, an honor based every year on nominations by the students themselves.

Sean Gallagher, an associate professor of music, got a raucous blast of applause. Blair praised his “mesmerizing” teaching style, which helped revive Harvard’s traditional music survey course. “Many of his Music 1

servation; neurologist Jang-Ho Cha ’83 of the MassGeneral Institute for Neurodegenerative Disease, who investigates genetic links in Huntington’s disease; Harvard Associate Professor of Medicine Anthony Hollenberg ’83, who directs thyroid research at a laboratory named after him at Beth Israel Deaconess Medical Center; medieval Russia scholar and Harvard’s Andrew W. Mellon Professor of History Edward Keenan; State University of New York at Farmingdale scholar of Jewish American literature and women’s studies Ann Rabinowitz Shapiro ’58; Faculty of Arts and Sciences Dean Michael D. Smith, Harvard’s Gordon McKay Professor of Computer Science and Electrical Engineering; and Letitia Wheeler Ufford ’58, an independent scholar of Middle Eastern history from Princeton, N.J.

Breaks for gorgeous a cappella music came from the all-male Harvard Glee Club, clad neatly in white shirts, red ties, and chinos — and conducted by Jameson Marvin, Harvard’s director of choral activities.

The only thing to make such music better, Weinberg noted, “would be the presence of women.” For that, he got a good-natured laugh, and a few hisses.

ROTC Commissioning Wednesday, June 4 11:30 a.m.

ROTC new or soon-to-be officers salute the flag. From left are Roberto A. Guerra, Michael J. Arth, John D. Reed, J. Danielle Williams, and Jason M. Scherer.

Staff photo Stephanie Mitchell/Harvard News Office



Five graduate to service to country

By Elizabeth Gehrman
Special to the Harvard News Office

Five graduating seniors and their families were all smiles despite the steady downpour drenching participants in this year's commissioning ceremony for the Reserve Officers Training Corps (ROTC), held Wednesday (June 4).

The morning began with an informal ceremony, during which the officer candidates took their oaths with family and friends before the statue of John Harvard, prior to their official swearing in at the Tercentenary Theatre.

In his opening remarks, Army Lt. Col. Leo R. McGonagle, director of the ROTC at the Massachusetts Institute of Technology, where Harvard students cross-register, said this year's students were "even more notable since they are post-9/11 volunteers who have willingly stepped forward to defend our nation in time of war." He reminded them that "there is no way to predict in what ways your nation will call upon you to lead" and exhorted them to "recognize that leading American service members is an affair of the heart."

The most anticipated speaker of the day, of
(See **ROTC**, next page)

Baccalaureate Service Tuesday, June 3 2 p.m.



Graduating seniors attending the Baccalaureate Service seem, despite their sweltering surroundings, pretty cool.

Staff photo Matt Craig/Harvard News Office



President Drew Faust presides, with the Rev. Professor Peter J. Gomes, over the service.

Staff photo
Rose Lincoln/
Harvard News Office

Faust bids farewell to Class of 2008

New president exhorts graduating seniors to pursue 'Plan A'

By Colleen Walsh
Harvard News Office

Amidst humid temperatures and slightly overcast skies, the Class of 2008 gathered Tuesday (June 3) in a steamy Memorial Church for one of the first in a series of Commencement week activities that would bring their undergraduate lives at Harvard University to an official close.

In the shadow of the church's white steeple, the men and women donned customary black caps and gowns as they formed two lines and filed past the Rev. Professor Peter J. Gomes, the Plummer Professor of Christian Morals and Pusey Minister in the Memorial Church, who welcomed them with a solemn nod.

Earlier, in the Yard, the soon-to-be graduates took pictures of the John Harvard Statue as they processed past the landmark in front of University Hall.

Before the procession began, Brad Bagdis, the graduating captain of the football team who plans to work in finance in either New York City or Boston, called his choice to attend Harvard "the best decision of my entire life," adding, "I've met so many good people, it's definitely going to be tough to leave; but I'm very excited."

The time-honored Baccalaureate Address, which dates back to 1642 and Harvard's first graduating class, is a special event that brings students together with the University's ministry and president for one final,

somewhat relaxed goodbye before the formality that accompanies the official Commencement ceremonies on Thursday (June 5).

The students used their programs as fans and joked among themselves as they waited for the proceedings to begin in the sweltering, packed church.

One senior elicited a cheer of approval and a high-five from a friend as he flashed the New York Mets T-shirt he was wearing under his gown. Another told a classmate he would like to approach Commencement speaker J.K. Rowling, the high priestess of the literary world of magic, and try the familiar quarter-out-of-the-ear trick on her.

Gomes opened the traditional service with levity.

"It is my great pleasure in welcoming you to your last rites," he said to loud laughter from the crowd.

The service included a selection of hymns and anthems by the Commencement choir. Reflecting the diversity of the graduating class, several readings were given in the traditional language of a number of sacred texts, including Arabic, Greek, and Sanskrit, which were then translated into English.

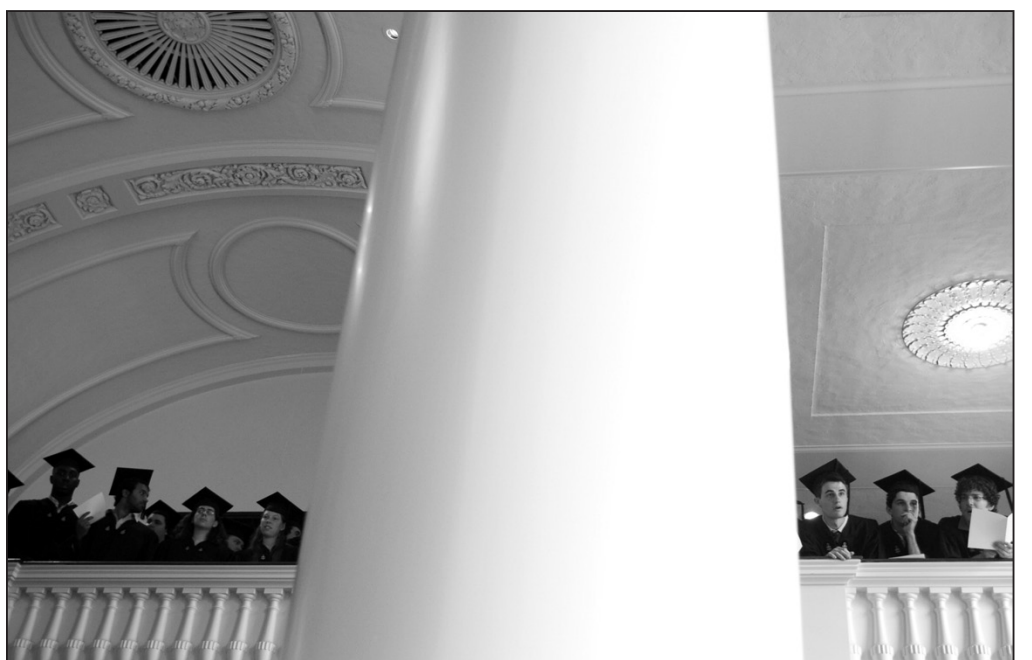
In her first farewell to a Harvard graduating class, Harvard President Drew Faust counseled the young men and women who filled the pews to search their hearts for what

would make them happy, and to pursue it.

Faust said she was intrigued by how many undergraduates and young recent grads she met after her appointment was announced in 2007 questioned her as to why she thought so many of their peers were opting for high-paying careers right after school.

"You are asking me, I think, about the meaning of life, though you have posed your question in code," said Faust.

(See **Baccalaureate**, next page)



Students crowd into the balcony of the Memorial Church to watch and hear their new president bid them adieu.

Staff photo Stephanie Mitchell/
Harvard News Office

ROTC

(Continued from previous page)

course, was Harvard President Drew Faust.

"You have gone the extra mile, literally," she said at the beginning of her speech, drawing chuckles from the families of students who had to start each morning earlier than their roommates in order to make their way to MIT for classes. Faust mentioned Harvard's long association with the nation's military, from the construction of Memorial Hall after the Civil War to that war's 20th Massachusetts Regiment, known as "the Harvard Regiment" because of its large number of Harvard-educated officers.

"The freedom we enjoy depends" on those in the military, Faust said. "I wish there were more of you. I believe that every Harvard student should have the opportunity to serve in the military, as you do, and as those honored in the past have done."

She called the country's colleges and universities "places where not just minds can flourish, but hearts can be nourished as well," noting that the United States has "long turned to education to nurture the equality fundamental to our national purposes." The military, too, she said, has served as a path toward citizenship and American life "because of the inexorable logic of inclusion without regard to accidental condition or circumstance."

"These are the principles that have made Harvard what it is, have made the military what it is, and have made the United States what it is."

She expressed "profound appreciation" to the ROTC officer candidates and their families.

The second speaker of the day was retired Air Force Lt. Gen. Tad Oelstrom, director of the National Security Program at Harvard's Kennedy School of Government. He began by thanking the ROTC, the candidates, their families, the group Advocates for Harvard ROTC, and the president, saying her "presence is a powerful statement to the community, a powerful statement to the University, and a powerful statement to these young people as they transition from student to officer."

He asked the candidates, "What does your future hold?" and answered his own question: "I would start with excitement. Strap in tight."

Baccalaureate

(Continued from previous page)

"You are at a moment of transition that requires making choices," she added. "And selecting one option — a job, a career, a graduate program — means not selecting others. Every decision means loss as well as gain — possibilities foregone as well as possibilities embraced. Your question to me is partly about that — about loss of roads not taken."

The question, remarked Faust, also concerns the notion of combining happiness with success. Finding a way to live a happy, meaningful life, one that offers comfort and satisfaction as well as a sense of purpose, direction, and fulfillment, one that makes a difference, will come only with time, said the historian, and only by taking chances.

"The answer is you won't know until you try. But if you don't try to do what you love — whether it is painting or biology or finance — if you don't pursue what you think will be most meaningful, you will

regret it. Life is long. There is always time for Plan B. But don't begin with it.

"I think of this as my parking space theory of career choice, and I have been sharing it with students for decades. Don't park 20 blocks from your destination because you think you'll never find a space. Go where you want to be and then circle back to where you have to be," said Faust.

"The meaning of your life is for you to make," she concluded. "I can't wait to see how you all turn out. Come back, from time to time, and let us know."

Miriam Hinman, who plans to take a year off after graduation before applying to graduate school in archaeology, said Faust's speech sent an important message.

"I think the idea of making sure that you are following the path that you really want to be on and shooting for your real goal instead of settling for something less is an issue that resonates with us all."

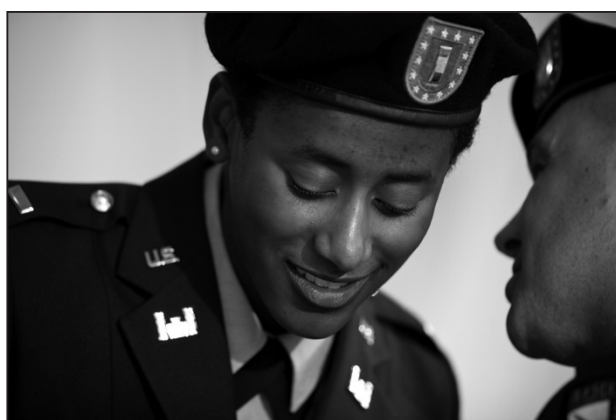
colleen_walsh@harvard.edu



Staff photo Stephanie Mitchell/Harvard News Office

Seniors who are graduating to military service listen as President Drew Faust expresses her 'profound appreciation.'

J. Danielle Williams (right), an Army second lieutenant, listens to some advice from ROTC training officer Kazimir Karwowski. John D. Reed's proud mom (below right) pins epaulets on her son.



Staff photos (above and below) Justin Ide/Harvard News Office



Staff photo Justin Ide/Harvard News Office

Gwen Logan, graduate Williams' mother, chats with retired Navy Cmdr. Richard Bennink '38.

He challenged them to spend every day that they're in uniform trying to improve today's military, and reminded them to "know on whose shoulders you ride." He stressed the importance of teamwork and told the students to remember that their success depends on those around them, "and most of those won't be your superiors."

"As leaders," he continued, "you'll be on stage every minute, and your audience expects a flawless performance. I know you are ready."

Finally came the official oath of office, taken by only three ROTC candidates present, as Air Force candidates will become officers on Oct. 1, 2008.

The five new — or soon-to-be — officers are:

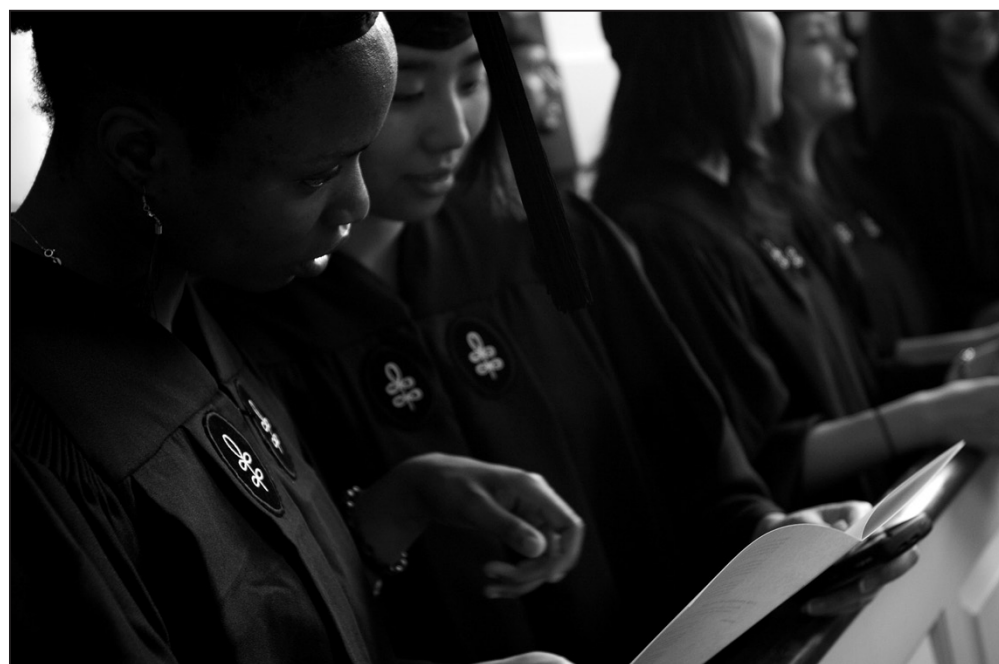
■ **Michael J. Arth** will be officially commissioned a second lieutenant in the Air Force in October. He is receiving an A.B. in government; after his commissioning this fall he will report to undergraduate pilot training at a location yet to be determined.

■ **Roberto A. Guerra** will also be officially commissioned a second lieutenant in the Air Force in October. At that time, he will attend Space and Missile School at Vandenberg Air Force Base in Santa Barbara County, Calif. He is graduating from the Harvard Extension School with a liberal arts degree in management.

■ **John D. Reed**, a Navy ensign, graduates from Harvard College with an A.B. in economics, and is commissioned as a student naval pilot. After being stationed at MIT's NROTC unit this summer, he will report to Naval Aviation Schools Command in Pensacola, Fla., in the fall.

■ **Jason Scherer**, a second lieutenant in the Army, will enter service in the Michigan National Guard as a dental candidate, and will attend the University of Michigan School of Dentistry in the fall to pursue his doctorate. He graduates from Harvard College with an A.B. in biological anthropology.

■ **J. Danielle Williams**, also a second lieutenant in the Army, graduates as an engineer officer from Harvard College with an A.B. in government. This fall, she will report to the 20th Engineer Brigade out of Fort Campbell, Ky.



Staff photo Stephanie Mitchell/Harvard News Office

Michelle Oboite (left) and Yin Miao peruse the program before the service begins.

Class Day Wednesday, June 4 2 p.m.



Staff photo Rose Lincoln/Harvard News Office

During Class Day talks, the only ones who stayed dry were the speakers.



Federal Reserve Board Chairman Ben S. Bernanke tells his Class Day audience that things are better than they seem.

Staff photo Kris Snibbe/Harvard News Office



Staff photo Matt Craig/Harvard News Office

Bernanke approaches the podium to make his Class Day address. Referring to past Class Day speakers, including comedians Seth MacFarlane, Sacha Baron Cohen, and Will Ferrell, Bernanke observed wryly, 'Central bankers don't do satire as a rule.'

Bernanke touts nation's economic resilience in 2008

Despite similar economic uncertainty, today is better than 1975

By Alvin Powell
Harvard News Office

Federal Reserve Board Chairman Ben S. Bernanke said Wednesday (June 4) that education is both the best hedge against economic uncertainty and a student's greatest asset, and urged Harvard College's Class of 2008 to use their education to live rewarding lives and make the world a better place.

Bernanke, who was this year's Class Day speaker, took his audience for a walk down the U.S. economy's memory lane during a speech before the Class of 2008 and their family members, who, under gloomy overcast skies and steady rain, crowded into Harvard's Tercentenary Theatre and into the drier confines of Science Center lecture halls.

Bernanke, a member of the Harvard College Class of 1975, hearkened back to his own commencement during inflation-weary, oil-shocked 1975, and told the graduating seniors that things aren't so bad. Despite today's ample gloomy economic news, the last 33 years have created a more resilient economy, largely due to a decline in the energy intensity of many activities, wiser government economic policies, and a consistently tougher anti-inflation stance, he said.

But there are some parallels between 2008 and 1975, Bernanke added, citing a rapid increase in oil prices, rising prices for food and other commodities, and slow economic growth. But Bernanke said the differences between today and 1975 are crucial and "provide a basis for optimism about the future."

"Today's situation differs from 33 years ago in large

part because our economy and society have become much more flexible and able to adapt to difficult situations and new challenges," Bernanke said. "Economic policymaking has improved as well, I believe, partly because we have learned well some of the hard lessons of the past."

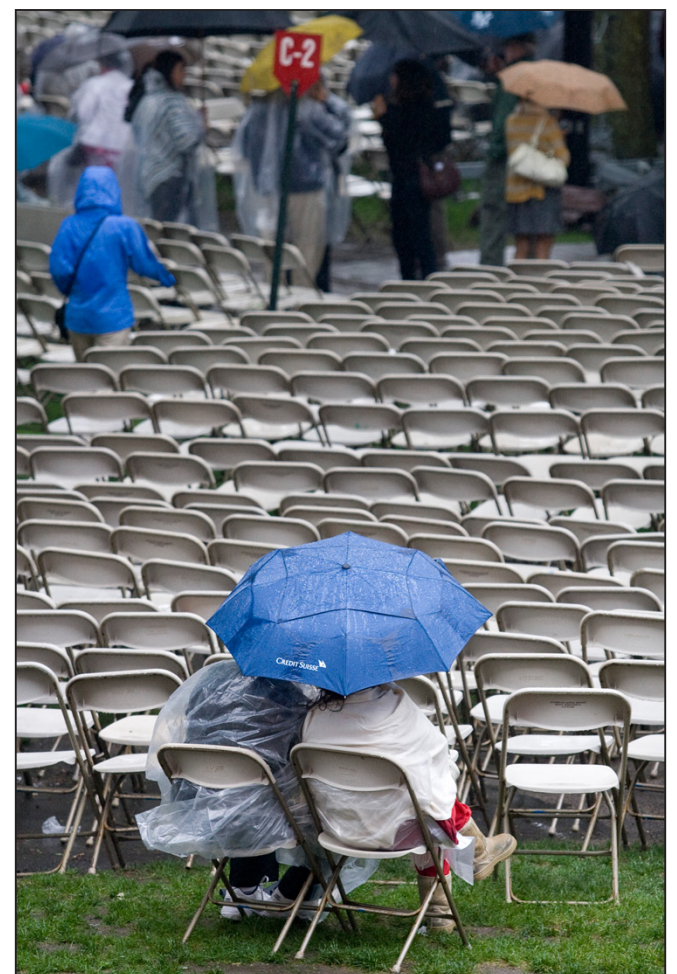
Class Day is the traditional ceremony held a day before Commencement, when the graduating class is addressed by a speaker invited by the seniors themselves. Less formal than Commencement's scripted rites, Class Day provides a chance for members of the Class and College officials to address the students at greater length than is possible during Commencement itself.

Incoming Harvard College Dean Evelyn Hammonds, who took office June 1, endured introductory jokes about her "profound influence on their Class" and "brief, but intense tenure" and explained to the graduating seniors some of the rituals they would be part of on Commencement Day. She described the coming ceremonies as "full of incantation and free of explanation" and, since there is no place in the ceremony for such sentiment, wished the students well as they complete their Harvard undergraduate careers and join the ranks of Harvard alumni scattered around the world.

"It is a noble tradition that you will become part of," Hammonds said, urging the students to take advantage of their excellent education and make the world a better place.

The Class Day ceremonies also featured two Har-

(See **Class Day**, next page)



Staff photo Rose Lincoln/Harvard News Office

Class Day

(Continued from previous page)

vard orators, Deena Shakir and Nicholas Melvoin, the humorous Ivy orations, delivered by William Bailey and Vivien Wu, as well as remarks by Class officers and the president-elect of the Harvard Alumni Association, Walter Morris '73.

In his talk, Bernanke joked about the Class' decision to invite an economist to address them, recalling his own Class Day, which featured social critic and comedian Dick Gregory, as well as more recent speakers, including comedians Seth MacFarlane, Sacha Baron Cohen, and Will Ferrell. "Central bankers," he observed wryly, "don't do satire as a rule."

Returning to his theme contrasting yesterday and today, Bernanke said that the rate of inflation is one major difference between the two periods. In the year he graduated, inflation soared to more than 10 percent. Further, the national response to the Arab oil embargo was to enact nationwide price controls that resulted in long lines at gas stations and gasoline being dispensed to consumers only on even or odd days of the month. Monetary policy of the time didn't help, he said, and it wasn't until 1979 that inflation-fighting policies were enacted under then-Fed Chairman Paul Volcker.

Another factor mitigating the impact of higher energy costs is the reduction in what he termed the economy's "energy intensity." Over the years since 1975, more energy-efficient equipment and practices have taken hold in homes and businesses across the country, lessening the damage done by energy cost increases.

Bernanke cautioned the outgoing seniors that life's many twists and turns are difficult to predict and they will likely wind up someplace very different 30 years from now than they envision today.

"You cannot predict your path. You can only try to be as prepared as possible for the opportunities, as well as the disappointments, that will come your way," Bernanke said. "For people, as for economies, adaptability and flexibility count for a great deal."



Staff photos (above and right) Jon Chase/Harvard News Office
Incoming Harvard College Dean Evelyn Hammonds (above) and President-elect of the Harvard Alumni Association Walter Morris (right) both made remarks at the event.



Staff photo Kris Snibbe/Harvard News Office

Class Day proceedings are often less formal than other Commencement events.



Staff photo Jon Chase/Harvard News Office

Deena Shakir '08 presents her address, titled 'From Baghdad to Boston: Dropping the Global H-Bomb.'



Staff photo Kris Snibbe/Harvard News Office

Juan Farah's poncho has apparently turned into a challenging maze for the graduating senior.



Staff photo Jon Chase/Harvard News Office

Nicholas J. Melvoin '08 delivers his Class Day address: 'How To Tell A Harvard Man.'

Harvard hearts and minds

Each year, the Gazette is honored to feature the stories of exceptional Harvard students. Fortunately, the phrase is very nearly redundant. Unfortunately, there are so many exceptionally talented, dedicated, big-hearted, and brilliant students beginning new chapters in their lives this year that it is quite a task — sometimes, by necessity, a bit random — to pick the “best and brightest.” We gave it a good shot, though, and in these pages, we are proud to present 12 extraordinary men and women who have shown grit and grace, determination and daring, and care — care for family, friends, country, and the world community. Commence reading.



Staff photo Will Nunnally/Harvard News Office

Bong-Ihn Koh '08 aims to use music as a tool for peace and hopes one day to play at the celebration of the reunification of North and South Korea.

Changing lives with music and science

By Colleen Walsh
Harvard News Office

A simple desire for attention at the age of 6 set Bong-Ihn Koh on a lifelong path.

“My older sister was studying the violin,” Koh recalled. “Of course she was getting a lot of attention from my mother, and I got jealous.”

When his mother, who would buy violin recordings for his sister, brought home a cello piece by mistake, the young Koh got his hands on it and was hooked.

“When I listened to it, I knew this was the instrument I wanted to play,” he said, remembering his first encounter with Beethoven’s Cello Sonata No. 1. “I just fell in love with it.”

For a year he pressed his parents for cello lessons. Reluctantly, they gave in. Five years later, he won the Third International Tchaikovsky Competition for Young Musicians in St. Petersburg, Russia.

“When I made it to the final round and eventually won it, they knew I had basically received an international affirmation of my potential and my talent,” he laughed.

Today, the Yo-Yo Ma comparison is virtually unavoidable.

The friendly, easy-going nature and genuine, ever-present smile, the mastery with the cello, and the Asian ancestry are all things they share. Not to mention the Harvard connection.

Over the years, Koh has come to look to Ma as a friend and mentor. They first met when Koh was 16 after a concert by Ma in Germany, where Koh was studying. He and his classmates man-

aged to get backstage for an introduction, and the next thing they knew they were playing Ma’s Montagnana cello from the 1700s.

“He actually just gave it to us and said, ‘Would you like to try out my cello?’ We were perfect strangers, but as a person he’s like that. He loves people, he enjoys their company so, so much.”

Koh, who as a sophomore played with Ma’s Silk Road Ensemble, aspires to be like the famous Harvard graduate who unites people through music. He aims to use music as a tool for peace and hopes one day to play at the celebration of the reunification of North and South Korea. In 2006, Koh, a South Korean native, was scheduled to play in Pyongyang, North Korea, at the Isang Yun World Peace Concert featuring musicians from both countries, but North Korea’s nuclear tests just days before the event put an end to his plans.

Currently, he is a member of the Harvard Undergraduates for Human Rights in North Korea, a group that helps educate the Harvard community about human rights abuses in the country.

“Music can communicate with people in a sense that nothing else can,” Koh said. “Barriers that we have between us and North Korea can be broken through music.”

The son of a pianist and a scientist, Koh’s other passion, when he’s not busy traveling and performing in roughly 40 to 50 concerts a year, is trying to improve people’s lives through completely different means. A biochemical sciences concentrator, for the past two years he has worked at the Harvard Stem Cell Institute examining stem cells that create the blood system, research he hopes may one day help patients

with leukemia.

Koh’s philosophy about his scientific work is a simple one.

“People need to be healthy to live,” he said, “and stem cell research has huge potential to make that happen.”

While at Harvard, Koh has been enrolled in a dual program with the College and the New England Conservatory, where he will earn a master’s degree after completing the final year of the program in 2009. During his last year at the conservatory, he will continue to live at Cabot House, and plans to continue his work as an artist on campus, organizing concerts, coaching chamber music groups, and giving cello lessons.

In his free time, he will work at the Stem Cell Institute. After that he plans to attend either graduate or medical school, whichever path will best allow him to incorporate his two passions. One without the other, Koh said, just won’t work.

“It’s the thought of being depressed or deprived of a certain sort of happiness if I don’t do one of the two,” he explained. “A lot of people call me crazy because each profession requires a huge amount of time and effort, but I think the most important thing is you have to be happy, and you can’t become the best in your profession unless you’re happy and content with your life.”

Koh compared his relationship with his instrument to that of a best friend.

“Whenever I have something that I want to say but can’t say to anybody, I come to the instrument and play,” he said. “It’s a part of me, without it I would basically almost be voiceless.”

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Bong-Ihn Koh shares his music, <http://www.news.harvard.edu/multimedia/slides.html>



Staff photo Rose Lincoln/Harvard News Office

The ability to see people face to face and know he's helping them is what drew Joe Ladapo to medicine: 'I really like being on the front lines and seeing ... that I'm making a difference.'

Training a physician's eye on policy

By Alvin Powell
Harvard News Office

Three years into his medical school career, Joe Ladapo had a revelation, but it wasn't in a medical class, it was in economics.

Ladapo, an M.D./Ph.D. student graduating this spring from Harvard Medical School, felt an instant connection with the material and the way of thinking he found as he studied economics for the first time.

The class was at the John F. Kennedy School of Government, where Ladapo was taking a year off from his medical studies for a planned master's degree in public policy. After the year was over, however, he enjoyed studying policy so much that he decided to pursue a doctorate instead.

"It was a difficult decision because I didn't want to extend school," Ladapo said. "[But] something was speaking to me from the material. I felt a deep interest in pursuing it further. It would seem like an injustice not to pursue it further."

So Ladapo extended his stay at Harvard another three years to complete a doctorate in health policy, which he says is the perfect complement to his interest in helping people through medicine.

Along the way, Ladapo published research on utilization of new CT scanner technology in emergency rooms to assess possible heart attacks, on the adoption of the new scanner technology in hospitals across the country, and on the ramifications of increased screening of newborns for disease.

Ladapo, who is doing a residency in internal medicine next year at Beth Israel Deaconess Medical Center, was born in Nigeria and immigrated to the United States with his family when

he was 5. His father, a microbiologist, brought his family to the United States to continue his own studies and today teaches biology at North Carolina Central University.

Ladapo said he was interested in math and computers in high school but decided on medical school during his undergraduate years at Wake Forest University, where he graduated in 2000 with a degree in chemistry. The ability to see people face to face and know he's helping them is what drew him to medicine.

"I really like being on the front lines and seeing... that I'm making a difference," Ladapo said.

Over the eight years since he first arrived at Harvard, Ladapo said he's undergone such a profound transformation that he might as well have had a brain transplant.

Along the way, he's gotten involved in various projects that interest him. Early on in his Harvard career, he was one of the founders of SEAM, Students for Environmental Awareness in Medicine. The nonprofit organization, which has chapters at several other universities, aims to organize medical students who are concerned about the environment.

Ladapo has also worked to help others in non-medical ways. He found mentoring middle school and high school students through the YMCA particularly rewarding.

"I really love being able to help them understand things better and help them academically at school," Ladapo said.

Looking back at his time at Harvard, Ladapo said he feels lucky to have been part of a community made up of talented, energetic people with the resources and support to pursue a wide variety of innovative ideas.

"I feel lucky to have been here and able to benefit and grow in this tremendously rich environment," Ladapo said.



Staff photo Justin Ide/Harvard News Office

Elizabeth Kolbe '08: 'I immediately loved the water and the freedom I had in it. And I discovered I had good water technique and was able to keep myself afloat pretty well.'

The deep end: A place to feel free

By Andrew Brooks
Harvard News Office

The notion of "the right attitude" is so played out in the world of sports — in pep talks and Sport-Center sound bites, for instance — that one might question whether it carries any weight. In the case of Harvard swimmer Elizabeth Kolbe '08, who is one of America's premier Paralympic athletes, the answer is a resounding yes.

An avid volleyball player who grew up in Tiffin, Ohio, young Kolbe was introduced to swimming through the most tragic of circumstances. In 2000, she was in a car accident that rendered the 14-year-old a quadriplegic. Specifically, the teenager suffered a C6-C7 spinal cord injury, resulting in incomplete paralysis (limited movement and full feeling) from the waist down while posing severe limitations on the use of her hands, though not her arms.

A year after the accident, Kolbe's physical therapy regimen began to include visits to the local YMCA pool. Never a big fan of aquatic sports before her accident, Kolbe quickly grew fond of the new venue.

"I remember the first time I got in, the physical therapist would pretty much just hold me in the water," the senior explains. "But I immediately loved the water and the freedom I had in it. And I discovered I had good water technique and was able to keep myself afloat pretty well, not at the beginning — it obviously took me awhile to learn how to swim."

Though it didn't take her long to excel. Soon

after beginning water therapy, Kolbe was learning the basics of different strokes. From there, she got involved with a club team, then her high school squad. By 2002, just two years after her accident and with a single year of swimming under her belt, Kolbe had her sights set on the Paralympic Games, the premier event for disabled athletes that has accompanied each Olympics since 1960. Upon reaching the national finals in the S3 category — a classification deeming her disability the third-most severe (out of 10 levels) — Kolbe's aspirations became a reality. The longtime jockey had been nominated to the U.S. Paralympic Swimming Team.

But following some tough deliberations, Kolbe decided to forgo the 2004 Athens Paralympics in order to attend Harvard. Though there was no guarantee she'd swim for the Crimson, Kolbe was determined to further develop her skills in Cambridge, focusing on the games in Beijing, then four years away.

Prior to her arrival at Harvard, Kolbe contacted swim coach Stephanie Wriede Morawski '92 with hopes of, at the least, working out with the team.

"Right away, knowing that — even though she was a Paralympic swimmer — she had these national and international goals, I knew she was not your normal, right-off-the-street 'Hey, I want to join the team' [swimmer]," Morawski explains. And though the coach admits that her first impression of Kolbe's technique conjured up images of a "rec swimmer," Morawski was eager to help Kolbe achieve her goals, naming the then-fresh-

(See *Kolbe*, page 36)



Staff photo Rose Lincoln/Harvard News Office

John Passanese '08: '[Chinese traditional medicine] is such a different system ... so steeped in Chinese culture. It was a fruitful exercise for me to suspend any prior judgment I had and to evaluate the system without Western preconceptions.'

John Passanese eyes the alternatives

By Emily T. Simon
FAS Communications

Yoga is a popular activity for many Harvard undergraduates looking to stay fit or reduce stress. For John Passanese, a Lowell House senior, yoga has additional importance — it can be an excellent tool for managing chronic pain.

For more than 20 years, Passanese's mother has suffered from multiple sclerosis (MS), a neurodegenerative disease that attacks the body's central nervous system. MS can cause a range of debilitating symptoms, including cognitive disabilities, paralysis, loss of vision, and chronic pain. There is no known cure.

Watching his mother struggle with the symptoms of MS was excruciating for Passanese, a soft-spoken biology concentrator from Niagara Falls, N.Y. When conventional medical therapies proved unable to ease his mother's pain, Passanese began to explore alternative medicine as a supplemental approach to symptom management.

"I have always been interested in medicine because I was curious to know why she stayed sick and why no one could seem to help her," says Passanese.

Recently, however, his interest has expanded to include alternative therapies such as yoga, acupuncture, and herbal remedies. As a sophomore, Passanese took a course on mind-body medicine at Harvard Medical School, which sparked his interest in yoga. That summer, he submitted a research proposal and received funding to travel to the All-India Institute of Medical Science in New Delhi, where he worked with the head of the physiology department and studied the philosophy of yoga. Following his research in New Delhi, Passanese spent several months in Bangalore becoming a certified yoga instructor.

Upon his return from India, Passanese elected to take a leave of absence from Harvard. He spent the next year and a half at home in Niagara Falls, providing assistance to his mother and coaching her in yoga techniques.

"She found it very helpful to practice meditation and breathing exercises," Passanese says. "Yoga is all about finding serenity in uncomfortable positions — an ethos which is especially applicable to someone suffering from a chronic disease."

Though some might balk at taking such a long break from college, Passanese had no reservations.

"My mom has been a great motivator and teacher," he says. "It is humbling, motivating, and satisfying to be able to support her."

In addition to yoga, Passanese is fascinated by traditional Chinese medicine (TCM). A second research grant allowed him to spend a summer studying acupuncture at the China Academy of Traditional Chinese Medicine in Beijing.

"It is such a different system of medicine, so steeped in Chinese culture," Passanese says. "It was a fruitful exercise for me to suspend any prior judgment I had and to evaluate the system without Western preconceptions."

Just as he did with yoga, Passanese shared his discoveries with his mom upon returning home.

"It takes years of training as a TCM doctor to learn the nuances of acupuncture," Passanese says, "so I don't personally practice. But it was important to me to be able to refer my mom to effective acupuncturists, to be knowledgeable about the techniques, and make sure she was in safe hands."

Passanese resumed his undergraduate studies in January 2006, selecting a concentration in molecular and cellular biology. His passion for medicine confirmed, Passanese made plans to apply to medical school and began working in an MS-focused immunology lab at the Brigham and Women's Hospital Center for Neurologic Diseases.

"I really enjoy immunology research because the field is well-established," says Passanese. "There are many tools that enable us to get into the nuts and bolts, the mechanism and action of MS. It's fascinating and just a great field for a young scientist to be in."

This spring, Passanese completed his senior thesis on a novel candidate drug for MS. The drug impacts microglia cells, the immune cells of the central nervous system, which in certain circumstances turn pathogenic and lead to MS.

"Microglia cells are like the Jekyll-and-Hyde of the central nervous system," says Passanese. "Normally, they serve a protective function, helping to deal with injury or trauma to the brain. But in chronic diseases they take on a completely different role."

(See *Passanese*, page 36)



Staff photo Kris Snibbe/Harvard News Office

When Beatrice Viramontes '08 came to Harvard as an undergraduate, she never expected traditional mariachi music to play a big part in her college life. Now, she is the president of Mariachi Veritas, Harvard's only mariachi ensemble.

Beatrice Viramontes is a maestro of gigs and digs

By Amy Lavoie
FAS Communications

How did a kid from East Los Angeles who couldn't play the guitar and suffered from a near-phobia about singing become the president of Harvard's renowned mariachi ensemble? Despite her roots in the primarily Mexican-American East L.A. and a father who played traditional Mexican music on his guitar, Beatrice Viramontes says it "stressed her out" when her father performed at family parties and asked her to sing. She only knew three songs.

So, when she came to Harvard as an undergraduate, she never expected traditional mariachi music to play a big part in her college life. Now, as president of Mariachi Veritas, Harvard's only mariachi ensemble, Viramontes performs extensively, and both plays guitar and sings as lead female vocalist.

"It was exciting, unnerving at times, to get involved with mariachi because I couldn't play the guitar very well, and I didn't expect to become the lead singer," says Viramontes. "It was a challenge, but the group was very welcoming. I grew to love this music — not that I did not love it before — but I was nervous about interacting with it. Now I embrace it, and it's a big part of who I am."

Viramontes was first introduced to Mariachi Veritas as a member of Harvard RAZA, a Mexican-American cultural group. She first sang as a guest, despite her limited vocal experience, and her voice developed through performances with that group and with the Kuumba Singers of Harvard College. And, when her dad sent her one of his older instruments, she began to play the guitar.

A concentrator in archaeology, Viramontes

wrote her thesis on Chicano, or Mexican-American, murals in Los Angeles that surrounded her as a young person. The murals, which were painted beginning in the 1960s at the rise of the Chicano movement, often depict Aztec or Mayan pre-Columbian imagery. This link between the past and the present interested Viramontes, as did the murals' inspirational capacity. She received the Thomas T. Hoopes Prize for her thesis.

"I grew up around these murals, and they impacted the way that I think about myself, my history, my ancestry, but also the way that I view my community," says Viramontes. "I really believe that because these murals were around me, I wanted to study archaeology. I felt like I owed it to myself to explore this connection that I, as a Chicana, and other Chicanos feel between their present and this ancient past."

Attending Harvard was not an early goal of Viramontes. Initially, the University of California, Los Angeles, was her dream school. When she did submit her college applications, she applied to only one school outside of California — Harvard — and only after a recruiter from Harvard's admissions office visited her high school. Although she had an excellent GPA, and was involved with numerous extracurricular activities, she did not anticipate her acceptance. But she did get in, and Harvard offered a financial aid package she couldn't refuse.

Having never left California other than to visit Mexico as a child, Viramontes' decision to move across the country was a tough one. But on a visit to the campus with her mother during the pre-freshman weekend, she found the people welcoming and the environment stimulating.

Of course, Cambridge and Los Angeles are as unlike as east and west, but the ad-

justment to the new geography and culture was easier than Viramontes had anticipated.

"Harvard is very different, but I appreciate the differences. East Los Angeles is 99 percent Mexican. I thought that it was going to be culture shock, but that was more minimal than I had expected because there was more diversity," says Viramontes.

After graduation, Viramontes will return to Los Angeles to teach in public schools as part of Teach for America. Her decision to join Teach for America was complex, in part because her mother, a teacher in Los Angeles, was initially opposed to it. But through understanding her daughter's decision to teach, says Viramontes, her mother has become empowered to understand the impact of her own work.

If not for Harvard, Viramontes says that she might not have discovered her interest in archaeology, and she would not be considering graduate school, which she sees as a real option after completing Teach for America.

Today, her parents and her extended family are understandably proud of her mariachi performances, her studies of pre-Columbian art and artifacts, and her involvement and interest in the Latino community. While Harvard has been a challenge, it has also been transformative, both expanding her world of academic possibilities and bringing her closer to her cultural heritage.

"I came from the Los Angeles public school system, and that's not the same as coming from a private school, so it was difficult for the first couple of years," says Viramontes. "But now I feel confident and engaged with analyzing and interpreting the material."



Staff photo Jon Chase/Harvard News Office

Last summer, Yue Man Lee, who is earning her master's at the Kennedy School, worked at the Ministry of Health and Social Welfare in Liberia, a battered postconflict country where public health infrastructure had collapsed during a long civil war.

Black belt Lee battles in the arena of world politics

By **Corydon Ireland**
Harvard News Office

Born in the United Kingdom, but raised for most of her first six years in Hong Kong, transnational Harvard graduate student Yue Man Lee grew up a fervent lover of reading, travel, and food.

In her words, she was also “sporty in those days” — a hiker, dancer (contemporary and ballet), and an expert in karate who was once a United Kingdom national junior champion.

“I was a black belt, but I never hurt anyone,” said Lee, with a big laugh.

And why not be happy? This afternoon (June 5), the diminutive 30-year-old will receive her master's degree in public administration/international development (M.P.A./ID) from Harvard's John F. Kennedy School of Government (HKS). It's a rigorous track that this year has about 35 graduates from a medley of countries, including Kazakhstan, Ethiopia, and Ecuador.

They're a famously social group — themed dances and parties, weekly talks, and even a weekly M.P.A./ID poker club that Lee directs. “We're redistributing wealth,” she said.

Educated at Oxford, Lee still likes all of the things she did in her younger days, though there is less time for hiking and more desire for eating. “Being Chinese,” she said, “I love eating, and cooking, and eating some more.”

These days, this black belt reserves her championship punches and kicks fighting for what she thinks international development should be: a path to social justice and economic equality.

Her vision of it is like the course she taught this spring at Harvard College — “the intersection of economics and human rights,” said Lee.

Development — economic, social, and political — is “about freedom,” she said, “and that means empowering people so the whole process is participatory. It's not just about multinational institutions or rich countries imposing their will on developing countries. For a start, we know that doesn't work.”

In her first year at HKS, Lee wrangled with tough courses in econometrics, a branch of “the dismal science” that tries to quantify what is hard to measure, like the impact of social programs. (In her second year, she taught econometrics to first-year students in the master's in public policy program, and won an HKS award for her classroom skills.)

Lee also spent time learning the fine points of creating public-private partnerships and tough negotiating — a skill set Lee said would have completely changed her pre-Harvard experience in the nonprofit sector.

“Graduate school is really about taking a step back — getting new ideas, getting new frameworks and perspectives,” said Lee, who was accepted into the same program right out of Oxford, but didn't get funding.

Six years later, being at Harvard was a much richer experience, she guessed, because she arrived on campus already seasoned by working in the real world. “I learned things you can't learn in grad school,” said Lee, including how to manage people.

Experiencing two cultures — China and the United Kingdom — at a young age was seasoning too. Her mother's family had escaped to Hong Kong during China's Great Leap Forward, the 1958-60 social experiment in which millions died of starvation.

Lee's wide travels since then have often been a window onto the kind of poverty that grips most of the world. “With travel,” she said, “you get a sense: This could have been me.”

Before and during her undergraduate work, Lee traveled extensively in Asia, Europe, South and Central America — and even spent one summer hitchhiking in Cuba.

As a young professional, she worked as a London-based strategic research consultant, traveling to projects in Sweden, Poland, and Botswana. For three years after that, Lee was executive director of the Mindset Network, a multimedia nonprofit in South Africa that specializes in nurses' training and HIV and AIDS education.

Last summer, she worked at the Ministry of Health and Social Welfare in Liberia, a battered postconflict country where public health infrastructure had collapsed during a long civil war.

And early this year Lee went on an intensive one-week trip to Israel and Palestine, sponsored by HKS's Israel Caucus, a student group. It was a race from one opposing world to another, from “sitting with the vice prime minister of Israel to Arafat's tomb, all in the same day,” she said. There were also visits with politicians, negotiators, business owners, bankers, and soldiers from both sides. Said Lee, “We felt so lucky.”

Both in and out of school, travel was what inspired her to settle on a lifetime of doing development work in developing countries — that and the inspiring, unsung people she has met.

“There are so many brave people in the world” of development, said Lee, “and most of us don't know about them.”

After graduation, she will work for Britain's former prime minister Tony Blair, as a policy adviser in the Office of the President of Rwanda.

“My work will never be a 9-to-5 job,” said Lee. “My work is expressive of my values.”



Staff photo Jon Chase/Harvard News Office

Alexander Burns '08: 'I am always struck by the fact that there are exciting dramas going on in the world right now.'

Precocious pundit Alexander Burns is off to D.C.

By Ken Gewertz
Harvard News Office

While still an undergraduate, Alexander Burns already had an impact on political discourse in the United States.

Beginning in 2005, the history and literature concentrator has been a principal contributor to a political blog sponsored by the history magazine *American Heritage*. The job has allowed him to explore the pros and cons of contemporary issues, and to joust in print with some of the country's most prestigious historians.

He has also written essays for the *National Journal*, a weekly magazine aimed at policymakers, members of Congress, think tanks, lobbyists, and other Washington insiders. And he has worked as a researcher for historian Doris Kearns Goodwin, helping her compile and analyze data for her forthcoming book on Theodore Roosevelt and William Howard Taft.

And while he has clearly achieved rookie status in the big leagues of political journalism, this precocious pundit can hardly be said to have ignored his fellow students. Since freshman year, Burns has been involved with the Harvard Kennedy School's Institute of Politics (IOP), and, as an editor-in-chief of the *Harvard Political Review* (the IOP's student-written political quarterly), he has been an important voice in political debate on campus.

How has Burns gained entrance to such respected forums at an age when most students are struggling for a decent mark on a term paper? According to Burns, it all started around the family dinner table.

It was there that his father, an elementary school principal, and his mother, an English professor at New York University (NYU), led passionate, informed discussions about contemporary events that eventually drew Burns in and transformed him into a budding news junkie.

"At a certain point I started to become independently aware of what was going on in the world. A lot of what was happening at that time was very exciting — the war in Kosovo, the con-

tested election of 2000.

At Fieldston High School in the Riverdale section of the Bronx, Burns involved himself in student government. When he arrived at Harvard, it was the IOP that promised the best chance of getting up close and personal with the political process.

"At the IOP, I got to see that members of Congress and other leaders and officials are just people. That realization has been very important to me because it's helped me to become less intimidated, and less reverent," Burns said.

When it came time to look for a summer internship, Burns was eager to find a job that would allow him to put his realizations about the human side of government into writing, preferably published writing. A family friend suggested he send his clips to *American Heritage* magazine, which happened to be updating its Web site. The magazine welcomed him as a contributor to its blog, and since then he has written numerous pieces on such diverse subjects as the Electoral College, Jenna Bush's wedding, the morality of torture, the execution of gays in Iran, and the impact of "Seinfeld" on popular culture. Whatever subject Burns tackles, he seldom fails to place it in a historical context that throws new and instructive light on its significance.

The confidence Burns displays in his writing did not come easily.

"When I first started contributing to the *American Heritage* blog, I did feel intimidated in some ways," he said. "Most of the other contributors were older and more accomplished, and certainly more academically credentialed. A few of them were also very aggressive in criticizing any blog posts they found unconvincing."

Burns' strategy was to confine himself to areas in which he was fairly confident of his expertise. Where he found gaps in his knowledge base, a visit to the library or to one of his Harvard professors would help smooth them over.

"When I eventually did have run-ins with other blog contributors, I think I held my ground pretty well — because it was ground I

had chosen myself," Burns said.

His success as a political blogger also has a great deal to do with his moral perspective. Although his writing is often backed up by facts and statistics, Burns is no policy wonk. Being a history and literature concentrator has sensitized him to the moral and ethical issues embedded in today's political issues.

"I am always struck by the fact that there are exciting dramas going on in the world right now," he said.

Writing for *The National Journal* has been a different sort of experience, one that has given Burns the opportunity to explore subjects at greater length rather than respond to the opinions of others. Often these subjects have developed from brief news articles that suggested larger issues. For example, a small item about Congressman Marty Meehan's (D-Mass.) decision to resign from the House of Representatives and take over UMass Lowell prompted Burns to write an article about politicians who have launched second careers as academic administrators.

An article in *Newsweek* calling America a "Dunce-Cap Nation," based on the poor poll performance of randomly selected people called for, Burns believed, a more in-depth analysis. After extensive research, he produced an article showing that such polls often reach their dismal conclusions through confusing and misleading questions and that Americans are not as ignorant as the polls seemed to suggest.

Burns praises the editors of the *National Review* for their receptivity to ideas presented by interns and their willingness to work with young writers to help them develop and refine those ideas.

After Commencement, Burns will be moving to Washington, D.C., to work as a reporter for *The Politico*, the print and online political journal (<http://www.politico.com>).

"I am very excited about this opportunity, which should allow me to pursue political journalism very seriously, and in the middle of an important election season," he said.



Staff photo Matt Craig/Harvard News Office

M.B.A. Jesús Terrones: 'I said that if I ever made it I wouldn't forget where I come from and who I was; I am just very proud to be part of the Latino community ... [and] feel a responsibility to represent our community.'

Jesús Terrones: Soldier, activist, leader, family man

By Colleen Walsh
Harvard News Office

Jesús Terrones exudes a calm that commands attention. His voice has a quiet resonance. His eyes are a brown that border on black, at once intense and kind.

In a recent interview at the expansive Spangler Center, Terrones reflected on his childhood, a world away from Harvard Business School's striking campus where he has spent the past two years in pursuit of a master's of business administration.

"My earliest memory is of waking up in the back of a station wagon," he said, "I would get out of the car and look for my parents."

His mother and father were in a nearby field, working, from sunrise to sunset, as migrant farmers. Terrones spent his summers the same way. During school vacations, he worked in the field as well, traveling from his home in Texas to Idaho, Florida, North Carolina, or Virginia to harvest a range of crops.

"Sometimes we left before school was over because they have labor camps and if you don't get there in time, you don't get housing; that's how we ended up living in our little station wagon for months."

For Terrones, a first-generation American whose parents came to the United States from Mexico, the life was a normal one. As a kid, he said, "that's all you know."

But later, he knew differently, when his father began helping take care of the home of an inspiring couple who lived in a Houston suburb. Terrones acted as the interpreter. Over time he considered their family, and they responded in kind, taking him under their wing.

"To me I always saw them as my grandparents."

The generous couple would help them out with finances, even allowing Terrones and his father and brother to stay with them when they needed a place to live. But it was their empowering message that left the greatest impression.

"They always believed that I could do something," he said. "They were some of the few people that said, 'You can do it.'"

Instead of joining a gang in high school, he turned to the United States Army Junior Reserve Officers' Training Corps. The experience, the sense of a code, and the discipline, inspired him. He went on to attend the United States Military Academy at West Point. After taking and passing a pilot's test on a whim, he became an army attack helicopter pilot and served in Afghanistan.

Terrones appreciated the structure of the armed services and had always envisioned himself a lifelong military man. But when he started his own family, he knew that the job's frequent weeks away from home meant something needed to change.

"Part of being a good father and a good husband was to be there," said Terrones, whose parents divorced when he was young. "You have to look at your priorities, [and decide] what's more important, so I put [my family] first."

He knew his leadership skills, honed in the service, would translate well to the world of business. And he knew he wanted the best. He applied to five business schools and was accepted by them all, but Harvard topped the list.

"If I was going to leave the military, I was going to something good if not better."

In his time at HBS he has striven to give back. He took an internship in Houston, between his first and second year, helping a local grocery chain connect to

the Latino community. He was also the co-president of the Latino Student Organization of HBS, the student-led club for the School's Hispanic community. He helped boost the club's membership, develop a variety of programs, and raise \$25,000 for the group.

"I said that if I ever made it I wouldn't forget where I come from and who I was; I am just very proud to be part of the Latino community ... [and] feel a responsibility to represent our community."

He has been at Harvard for the past two years with his wife Janie, whom he met when they were both young migrant farmers in Florida. Terrones was there picking oranges for the season, but a sudden decision by his father to relocate abruptly ended their romance.

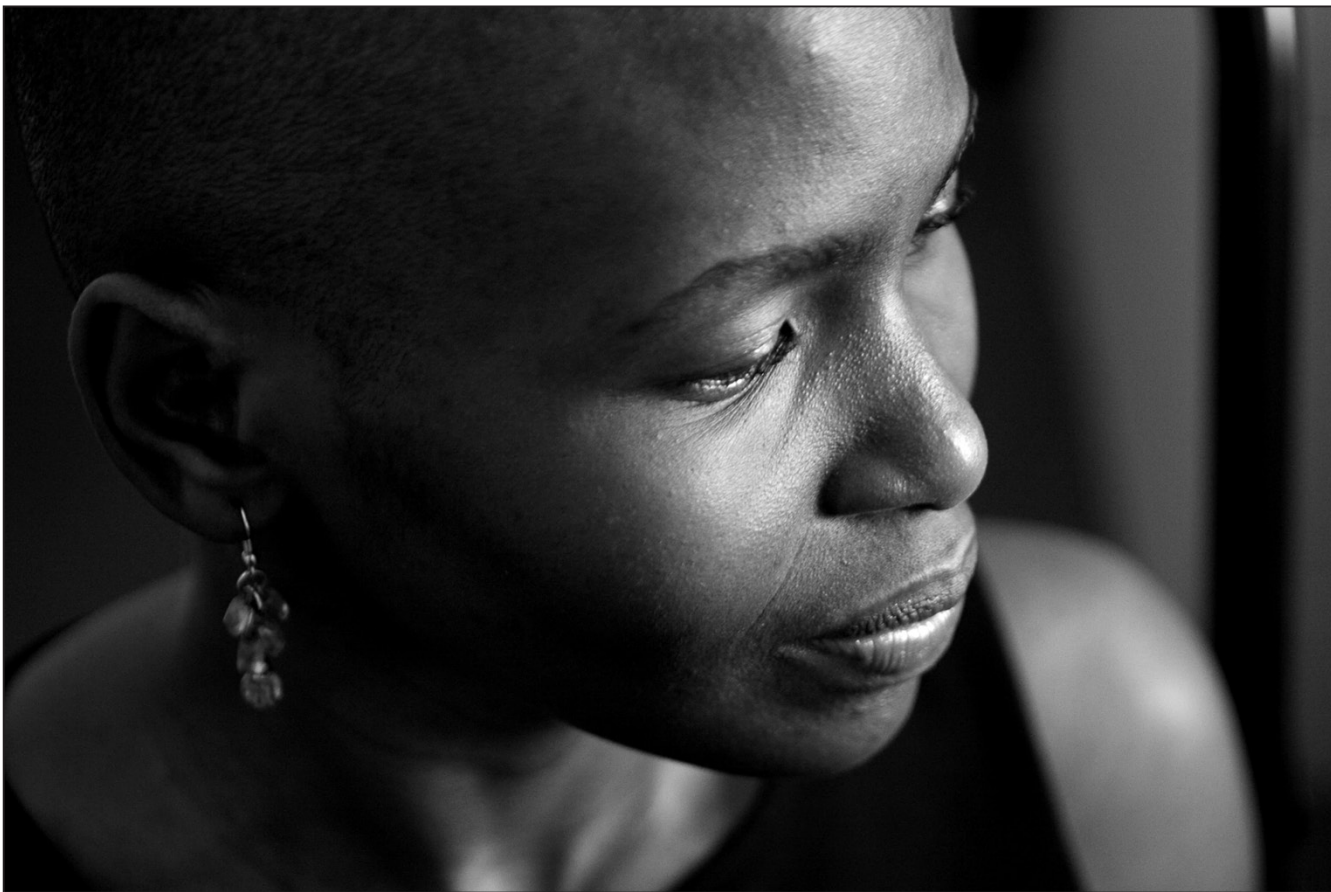
"It was Valentine's Day of our eighth-grade year and within three hours we were on our way back to Houston. I never said goodbye to her," he recalled. "I always wondered what happened to her, and five years later I went back to look for her."

He found her, and they have been part of each other's lives ever since. Today they have two young sons, and after graduation will move back to Houston where Terrones has a job waiting for him in mergers and acquisitions at Cameron, an international manufacturer of oil and gas pressure control equipment.

When he receives his diploma today, he will have his sons, David and Alejandro, by his side. It's for them, he said, that he has made the effort to get the best education possible.

"So when I look them in the face," said Terrones, "I don't have to lie and say, 'Yes, you can make it to Harvard.' I did it."

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Staff photo Rose Lincoln/Harvard News Office

Master of theology Elizabeth J.A. Siwo-Okundi: 'As preachers we have a responsibility to preach those difficult texts that speak to people's lived experience.'

Preacher Siwo-Okundi attends to the 'small voice'

By Stephanie Schorow
Special to the Harvard News Office

Why do people suffer from the sins of others? Elizabeth J.A. Siwo-Okundi has long pondered this question as she has studied some of the most ambiguous and troubling passages in the Bible.

A master's of theology student at Harvard Divinity School, Siwo-Okundi has never shied away from difficult issues. Even while studying Old Testament stories of rape, human sacrifice, and war, Siwo-Okundi has found inspiration and even comfort; she has turned her discoveries into eloquent sermons that have won her national attention.

The Kenya native, who will give the Divinity School's Commencement address, is developing what she calls "orphan theology," a spiritual practice that heeds the world's "small voices."

"I preach about these voices in the Bible that are never heard," she said. "Those women who have been raped. Those persons who have been left aside. Those people who in many ways have been discarded."

More telling, she has put her spiritual beliefs into practice by founding the non-profit group Orphan Wisdom Inc., which will assist orphan children with financial, educational, and medical support.

"I've always picked on what I consider the 'small voice,'" said Siwo-Okundi, who will seek a doctorate of practical theology at Boston University after graduating Harvard. "As preachers we have a responsibility to preach those difficult texts that speak to

people's lived experience."

Siwo-Okundi, the daughter of a university professor and a nurse, grew up in the small community of Kendu Bay, on the shores of Lake Victoria in western Kenya. Her parents impressed her with the need to help others; her father would say, "If you're well and your brother and sister are not, that is something that needs to be addressed."

Siwo-Okundi came to the United States for her education and graduated with B.A. in Black Studies from Denison University in Ohio. She later earned a master's of divinity degree (*magna cum laude*) and a graduate certificate in African Studies from Boston University. While at BU, she returned to Kenya during the summer of 2004 for service work in an orphanage near her hometown. Here, she felt she found her calling; she founded Orphan Wisdom on her return to the States.

When she came to Harvard, she began exploring the many references to "orphans" in the Bible. She also focused on issues of widows and women.

A sermon that she first preached in 2005 at Boston University and in November at the Andover Chapel has won first place in a contest held by the FaithTrust Institute, an international, multifaith organization. Based on 2 Samuel, Chapter 3, the sermon focuses on Tamar, the daughter of King David, who was raped by her brother, who then demanded that "this woman" be put out of his presence. Where, Siwo-Okundi asks, is God in "this" — that is, the treatment of a human being as an object to be used and discarded? "God is in the voice

of the victim," she concluded. The sermon will be published in the Journal of Religion and Abuse.

She has also reflected on the story of the warrior Jephthah in Judges 11: 29-31 who promises that if God grants him a great victory, he will sacrifice the first thing that he sees when he arrives home. However, it is his daughter who greets him singing with joy over his triumphs. Jephthah believes he must sacrifice her — but why, Siwo-Okundi asks, must the daughter suffer for his pledge? Why would God require that she answer for his rash vow? The harrowing story is "a reminder that this is the kind of thing people wrestle with."

In her Commencement speech, "The Value of Theological Education," Siwo-Okundi will consider the implications of studying religion in a time of upheaval and terrible violence, including in her native Kenya this year.

"People kind of wonder: 'Do you guys sit around and talk about God?' And it's a valid question," she said. "We do wonder: What's the point of being here? There's actually something going on in the world and I'm just sitting in this luxurious university going to these wine-and-cheese events and shaking hands with all these famous people. What is the value of being here beyond some grades at the end of the semester and hopefully a diploma?"

Siwo-Okundi hopes to do more than simply challenge graduates to go out and make a difference. Rather, she hopes to inspire them to determine: "This is *how* I will go out and make a difference."



Staff photo Justin Ide/Harvard News Office

Just back from working for two years as a math teacher in Namibia for the Peace Corps, Bethany Hedt turned right around and returned to the African nation to help develop an HIV/AIDS curriculum for the nation's teachers.

HSPH student takes aim at AIDS with statistics

By Alvin Powell
Harvard News Office

Bethany Hedt has always been in love with numbers. Her challenge has been finding a way to feed that love while fulfilling an equally strong drive to help the people around her.

With biostatistics, Hedt feels she's found a way.

Hedt, who is graduating from the Harvard School of Public Health with a doctorate in biostatistics, has used statistics in critical settings around the world. She took a break from her studies last year to work with the government of Malawi on that nation's AIDS crisis. She spent the summer of 2004 working with the World Bank as an intern and consultant, crunching HIV-related numbers for programs in Kenya, Ethiopia, and Eritrea.

"I believe that having better information will improve health policy, and improving health policy will improve health care delivery," Hedt said.

A former Peace Corps volunteer and graduate of the University of North Carolina, Chapel Hill (UNC), Hedt has loved numbers as long as she can remember. She graduated from UNC in 1999 with a bachelor of science degree in math, but said she was disappointed at the jobs available for math majors. The daughter of an advocate for long-term care residents and a Lutheran

minister, Hedt had toured South Africa for three months during her undergraduate years, falling in love with both travel and Africa.

With college over, she applied to the U.S. Peace Corps and was thrilled when she got a posting as a math teacher in a small town in Namibia.

"It seemed like a perfect fit: Teach math, service to the community, and I get to travel. I considered it a win-win-win," Hedt said.

Hedt spent two years living with a local family who embraced her and helped her adjust to life in the African nation. As her school's first math teacher in five years, she had a lot of remedial teaching to do, and it would be years before test results reflected the benefit of her back-to-basics approach.

Hedt credits a professor at UNC for suggesting biostatistics as a good way for her to work on social justice issues. In order to have the greatest impact, however, Hedt said she felt she needed a graduate degree. So she applied to the Harvard School of Public Health.

"I've never been unhappy being a math major. The truth is, I'm a little bit of a nerd at heart. I love it," Hedt said. "With math and statistics, there aren't already paths laid out to put your skills to work in social justice. But without a lot of forged paths, the possibility of making an impact is enormous. There is

a real opportunity to make a difference in public health."

Hedt returned from the Peace Corps in 2001, and when she realized she wouldn't start at Harvard until the fall of 2003, she volunteered to return to Namibia in a shorter-term commitment as a Peace Corps Crisis Corps volunteer. During that year, she worked to develop an HIV/AIDS curriculum for the nation's teachers and worked on AIDS education programs in schools. She returned to the United States just weeks before starting her studies at Harvard.

While at Harvard, Hedt's research has focused on new methodologies useful in disease detection and analysis, as well as on more applied subjects, such as HIV's impact on Malawi's police and education sectors.

Hedt, who plans to continue her work next year as a postdoctoral fellow, said she's been impressed with the Harvard School of Public Health, whose student population is enormously diverse, with people from many nations and backgrounds ranging from medical doctors to policy experts to people interested in quantitative science.

"The work here has made me realize the complexity of the troubles we face and the role quantitative science plays in these puzzles," Hedt said. "The exciting thing about being here is [that] there is never a lack of things to work on."



Staff photo Kris Snibbe/Harvard News Office

Maggie Spivey '08 has for the last six years served as princess for the Pee Dee Tribal Nation. Her role is primarily ambassadorial: She represents the tribe at cultural events in the area, and helps to raise awareness of Pee Dee culture.

Maggie Spivey: Archaeologist, comedian, princess

By Emily T. Simon
FAS Communications

Walk past Maggie Spivey in the Yard or on the streets of Cambridge, and you might find her with head down, eyes glued to the ground. She's not being anti-social, or lamenting a flubbed grade — this dynamic archaeology concentrator just knows that often the most fascinating stories can be found underfoot.

Spivey, who hails from the small town of Hephzibah, Ga., didn't arrive at Harvard with plans to study archaeology. But when she sat down with the "Courses of Instruction" book, highlighter at the ready, it soon became clear where her interests lay.

After she'd taken a whirl through the book, Spivey recalls, "Archaeology and social anthropology had the most items highlighted. So I figured that was a pretty good indication of where I should start."

It proved to be a good strategy. Four years later, Spivey is graduating with a degree in archaeology and a wealth of fieldwork experience, including a dig in the Yard this fall to find remains of Harvard's Indian College.

Spivey's fascination with the past — in particular the history of American Indian culture — stems in part from her own unique family background. She is a member of the Pee Dee Indian Nation, a tribe that originated in the southeastern United States. The documented history of the Pee Dee Nation dates back to the Revolutionary War era, when six Pee Dee men served in the company of Continental Army Lt. Col. Francis Marion, also known as the "Swamp Fox."

The Pee Dee Nation had a reservation in South Carolina until the 1840s, when they were run off the land by a rival tribe.

"The federal government offered no

help," Spivey explains, "so a lot of the tribe members moved into cities and began mixing with the people of European descent who lived there."

Today, descendants of the original Pee Dee tribe can be found primarily in South Carolina as well as mid- and southern Georgia. Spivey says she has been proud to bring their heritage a bit farther north, to Harvard.

For the past six years, Spivey has served as the princess for the Pee Dee Nation. Her role is primarily ambassadorial: She represents the tribe at cultural events in the area, and helps to raise awareness of Pee Dee culture. At Harvard she has extended her responsibilities to support Native American culture more broadly. Spivey is actively involved with Native Americans at Harvard College, and has participated in the annual Harvard Powwow. She also serves on the Undergraduate Minority Recruitment Program to encourage Native American high school students to apply to Harvard. In addition, Spivey has worked at the Peabody Museum as a research assistant, providing support for cataloging, tours, and visiting scholars.

In between her study and work responsibilities, Spivey still finds time to cut loose with the Immediate Gratification Players (IGP), an undergraduate improv comedy troupe.

"I really like making people laugh," says Spivey. "It just makes me happy. If I can brighten someone's day, I will always try to."

Along with her fellow IGPers, Spivey acts in several shows a month, produces videos, and organizes special events such as comedy dinner parties. The troupe specializes in "long form" comedy, in which players build on audience suggestions to create a series of hilarious — but believable — scenes.

"We aim to create amusing relationships onstage," says Spivey, "which I think is a good way to cultivate humor. We don't fall back on 'crutches' like pop culture or off-color jokes, but instead try to show how everyday interactions between people can be funny."

When she talks about performing with IGP, supporting the Pee Dee Nation, or the nuances of archaeological research, it's clear that Spivey has found her place at Harvard. She adores her castmates, is proud of her work for Native Americans, and demonstrates a passion for her studies. But as a first-year student, Spivey wasn't quite so confident that Harvard was right for her.

"I come from a rural town in Georgia that has only two stoplights," she said. "I attended the same high school as my mom and my grandmother. So I was totally taken aback when I first arrived in Cambridge — the culture seemed remarkably foreign and I felt a thousand miles away from home."

Spivey, who is the first in her family to attend college, gradually found ways to make Harvard feel more like home.

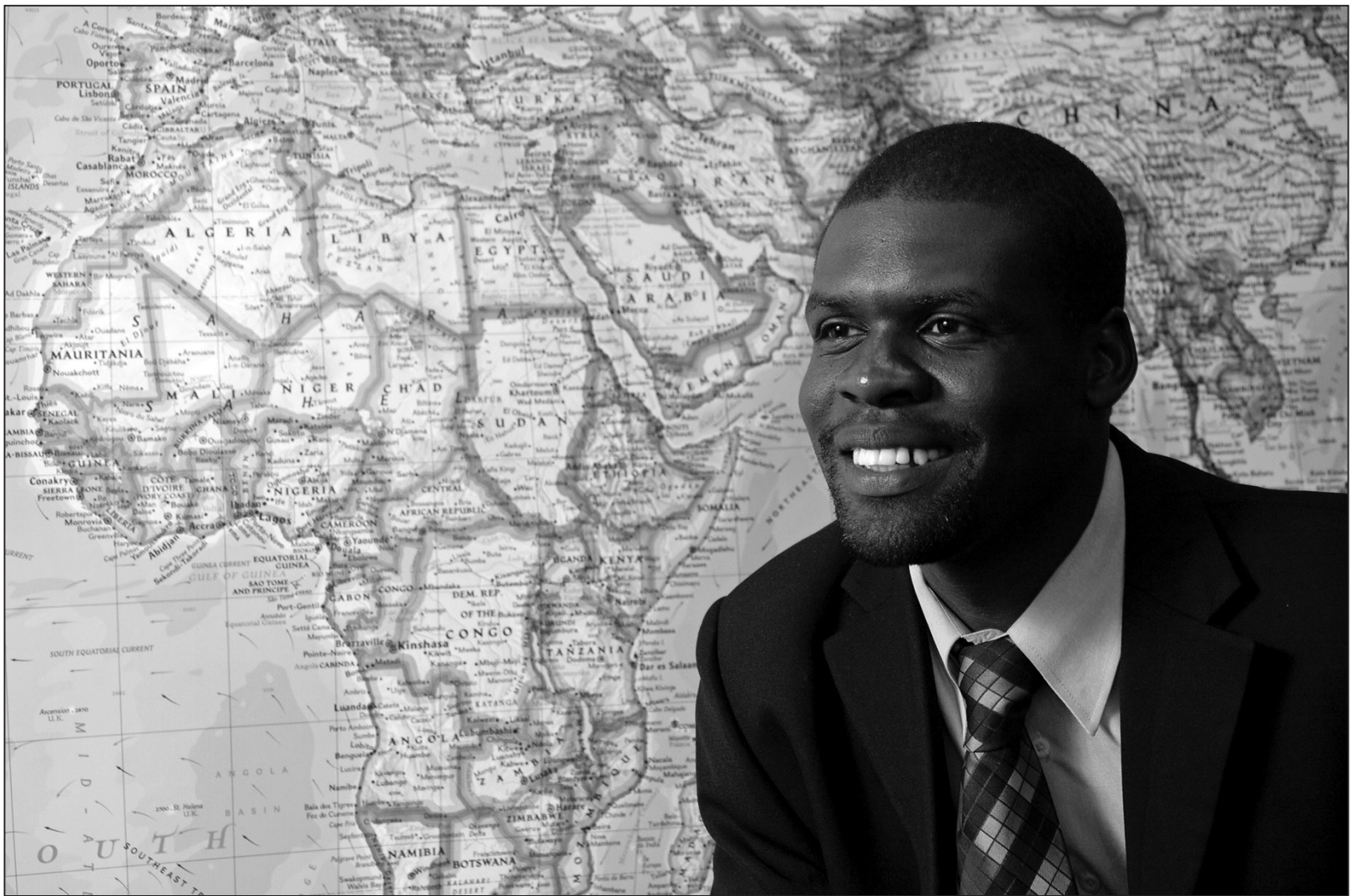
"It took a while, but I finally got used to everything — and my accent has certainly changed," she quips.

This summer, Spivey will strike out even further afield. She's headed to Benin, western Africa, for a five-week archaeological dig.

"The project is focused on historic Africa, or the Africa of the past few hundred years," Spivey says. "It primarily involves survey work."

Spivey and her colleagues will comb the landscape, picking up items of historical significance, such as pieces of ceramic. Then,

(See *Spivey*, page 36)



Staff photo Jon Chase/Harvard News Office

Law School graduate Nasredeem Abdulbari was born and brought up in Khartoum: ‘Everyone from Darfur has suffered, directly or indirectly. They’ve all lost someone, or lost something.’

Nasredeem Abdulbari: ‘Lawyers are the cement of society.’

By Ruth Walker

Special to the Harvard News Office

Nasredeem Abdulbari identifies no particular “aha!” moment when he knew what his life’s work would be.

But if you know his country’s background, it’s easy to understand why he would want to devote himself to human rights and constitutional law.

Abdulbari was born and brought up in Khartoum. His parents hail from different villages in the Sudanese province of Wadi Saleh, in the region known as Darfur, western Sudan. His grandmothers still live there. “Sudan experienced the longest civil war in Africa, and is now embroiled in a civil war in its western part, in Darfur,” he says.

“Everyone from Darfur has suffered, directly or indirectly. They’ve all lost someone, or lost something,” he adds.

His life experiences have left him feeling not downcast or dispirited, but energized with a personal vision of what a more fully developed constitutional system could do for his troubled country. “Sudan is now facing a problem — it might fall apart in three years.” And what could hold it together? “Human rights, justice, democracy, and freedoms — they are a guarantee of unity.”

Abdulbari earned his bachelor of laws degree from the University of Khartoum in 2002. Three years later, he graduated with a master’s degree in law from the same institution. While pursuing the second degree he served as a lecturer and teaching assistant in the department of international comparative law. He also served as coordinator for the legal aid clinic at the university.

Given Sudan’s history as a British colony, he considered furthering his education in the United Kingdom. But a good friend persuaded him to come to Harvard instead. He will be graduating from Harvard Law School with his LL.M. degree June 5, and the next day returning to Sudan. He will continue his teaching at

the University of Khartoum, and his human rights, peace-building, and development work with the Sudan Social Development Organization (SUDO).

“Lawyers are the cement of society,” Abdulbari says, and in his vision, this is clearly ongoing work. “My personal perspective is that constitutions and lawyers are never static — they’re always dynamic.” *Pace* Antonin Scalia and his colleagues who adhere to the “originalist” school of legal thought, Abdulbari believes that failure to “renovate” laws and constitutions as needed has made for trouble in Africa and elsewhere.

He is prepared to acknowledge that some controversial laws — the bans, common in Islamic countries, on women traveling internationally without the permission of their male protectors — may once have been justified, given the dangers of travel. But those days are gone, and such laws should change, he says.

He also resists the argument that human rights are essentially Western ideas of which countries like Sudan must be wary for cultural reasons. “Whose culture do you want to protect?” he asks. “That of the governments? Or that of the peoples who have been oppressed, and whose real interest is in human rights?” He acknowledges that many well-meaning people are concerned about their own cultural authenticity. But often the cultural argument is cover for tyrants. And at the moment, he says, “We all need systems of government in which each person can see him- or herself.”

He doesn’t mind importing ideas, wherever they come from: “Our question is, Are they good for us? Their good is in their fairness, their ability to improve our lives, and properly determine the relationship between us and our governments.”

Asked about the argument that many states in Africa suffer from badly drawn maps that disregard natural cultural and ethnic communities, he responds, “Cultural or ethnic homogeneity is not a *sine qua non* of unity.” The most homogeneous country in Africa, he pointedly adds, is Somalia.

Passanese

(Continued from page 27)

ferent role. We are trying to see if we can skew the cells back to get a permanent ally in the brain.”

Passanese says his mom enjoyed learning about the research.

“She loves to hear what I am working on,” he says. “It’s refreshing for her to have as much information as possible — doctors can sometimes unnecessarily dumb things down. Together, we draw detailed diagrams so she knows exactly what is going on in her brain.”

Several of those hand-drawn diagrams illustrated the final version of Passanese’s thesis.

“It was nice to have my mom involved,” he says.

Passanese is eager to strike a

balance between alternative medicine and more conventional approaches. He started the Integrative Medicine Society at Harvard to create a forum for discussion and debate, a collaborative place to do what Passanese says he has had to “do on [his] own the past four years.”

“We meet to go over recent publications, to stay informed, and to develop a sense of where the research is headed,” he says. “Very early on, Americans become indoctrinated with the idea that certain medicines are taboo or wacky — and often that is completely unfounded. It is important to stay open-minded.”

Though Passanese graduates from Harvard College today, he is staying in the University family —

he will start working towards his M.D. at Harvard Medical School (HMS) next fall.

“I am so excited to study at HMS,” Passanese says. “I hope to specialize in neuro-immunology and continue working with MS patients.”

The past five years have been busy and challenging for Passanese, but he is more than ready for the med school grind.

“I live by a different standard. It is difficult to be satisfied if you get an ‘A’ or win a scholarship, because she still suffers — and countless others do, too,” says Passanese. “There is a sense of immediacy, the notion that it is always time to get back to work.”

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Staff photo Rose Lincoln/Harvard News Office

Passanese, who started the Integrative Medicine Society at Harvard to create a forum for discussion, is eager to strike a balance between alternative medicine and more conventional approaches.

Spivey



Staff photo Kris Snibbe/Harvard News Office

‘I have always thought it would be interesting to be a public prosecutor,’ Spivey says. ‘To me, the process is very similar to archaeology.’

(Continued from page 34)

they will evaluate what has been collected and record the location of each artifact.

“People often miss these items because they can appear to be trash, but there are such rich materials if you only stop to look closely!” Spivey says.

Spivey will manage the computer aspect of the project, processing the information and recording it in a geographic information system (GIS).

Following the Benin trip, Spivey will return to the United States and look for a one-year position in archaeology. She will use that time to evaluate whether she should continue to work in archaeology and pursue a Ph.D. in the field, or switch gears and attend law school.

“I have always thought it would be interesting to be a public prosecutor,” Spivey says. “To me, the process is very similar to archaeology — you are picking up pieces of evidence and putting them together to draw a meaningful conclusion.”

If she chooses the archaeology route, Spivey says, she eventually hopes to star in a television show.

“I don’t want to be a female Indiana Jones,” she says, “but I would love to participate in an authentic production that conveys the excitement of archeological research.”

Kolbe



Staff photo Justin Ide/Harvard News Office

During her first year, Kolbe swam twice a week with the team, on top of her biweekly sessions with a private coach. By the following season in 2005, swim coach Stephanie Wriede Morawski was thrilled to officially name Kolbe to the roster.

(Continued from page 27)

man team manager. “If she made the Paralympics with that technique, she could go much further,” the coach said.

During her first year, Kolbe swam twice a week with the team, on top of her biweekly sessions with a private coach. By the following season in 2005, Morawski was thrilled to officially name Kolbe to the roster. From there out, the Crimson mentor took over all of Kolbe’s practices and sets, improvising as she went along, stressing endurance, strength, and speed.

“She’s probably one of the easiest people to coach in the sense that she always has a smile on her face, she’s got a great positive attitude, and she’s willing to try anything,” Morawski explains. “And she just kept getting faster and faster.”

And though Kolbe didn’t regularly travel with the Crimson, she did participate in home meets, competing alongside able-bodied swimmers but in dif-

ferent distance heats to ensure she’d finish around — or before — the other athletes. Along the way, she set five American records at Blodgett Pool, including in the 50-, 100-, and 200-meter freestyle, the 50- and 100-meter backstroke, and the 50-meter butterfly. Outside of collegiate competition, last summer she bagged four medals, including gold, at the Parapan American Games in Rio de Janeiro. For the backstroke specialist, the trip to Brazil was particularly memorable. “Totally felt like rock stars,” she recalls with a laugh. “Everyone wanted our autographs and pictures. We got mobbed by young children. It was wonderful.”

Kolbe’s experiences out of the pool, meanwhile, have been no less thrilling. As a health-issue research intern for Sen. John Kerry two summers ago, Kolbe sat on the Senate floor alongside the senator as he presented information on the stem cell bill. Though honored to be involved with stem cell research, Kolbe, who will graduate with a

degree in health care policy, doesn’t let the prospects of a cure for her disability guide her thinking. “I’ve had so many opportunities because I became paraplegic. I don’t think I would give that up. But I really don’t see not walking as a major problem. I think walking is overrated,” she says.

A four-year volunteer for Boston schoolchildren with disabilities, Kolbe has been accepted to Stanford Law School, where she’ll pursue either disability or civil rights law. Though with the 2008 games on the horizon, this time around she’s deferring school. “This time, I know school is always going to be there,” she explains. “I can go to Stanford next year, but with four years of Harvard swimming behind me, I know that I’m never going to be prepared as I am now.” Kolbe will depart for China this August as a member of the U.S. Paralympics Swimming Team.

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HBS

(Continued from page 15)

The 2008 recipients

Shad Z. Ahmed: Bringing the Middle East to Harvard

Shad Ahmed is passionate about Middle East issues. Before attending HBS, the Stanford graduate worked at McKinsey & Company in Dubai and as consultant at the Association for Development and Enhancement of Women in Cairo, a group dedicated to improving the lives of poor women in Egypt. His zeal for the region also inspired him to do something to give it a higher profile at Harvard University.

Ahmed conceived of the idea for the first University-wide conference showcasing the Middle East and North Africa (MENA) and the Arab world. Ultimately, he led a team of 25 students from across the University to plan the inaugural MENA Weekend Conference, held last fall. More than 400 professionals, students, academics, and alumni attended, along with top executives and scholars from the MENA region.

The conference included a forum at the Harvard Kennedy School and a business conference and career fair at HBS. It also featured an alumni dinner, where former Harvard Management Company President and CEO Mohamed El-Erian received a Harvard Arab Alumni Association Achievement Award. In addition, a charity party during the conference benefited the International Federation of Red Cross and Red Crescent Societies.

Ahmed worked tirelessly to prepare for the event, creating a conference Web site, organizing speakers, answering dozens of e-mails daily, and securing sponsors. "He poured his heart into the event and, best of all, followed up after it was over," explained a classmate, adding that Ahmed was "instrumental in getting chairs elected for next year's conference, thus making it sustainable." Beyond his Herculean efforts to organize the conference, Ahmed worked with the Harvard Arab Alumni Association to create a fellowship for a student from the Middle East interested in attending HBS.

Ahmed added further value to the HBS experience through his efforts as social co-chair of his section. Last year, the HBS student newspaper saluted him for organizing a variety of social events that created cohesion for members of the section outside the classroom and enhanced the quality of their life at the School.

Jens Audenaert: A multitude of interests

Harvard Business School prides itself on being a diverse community. And in every classroom in the School hangs a community values statement emphasizing the need for "an environment of trust" and the importance of "respect for the rights, differences, and dignity of others." Jens Audenaert, an economics graduate of Ghent University and the London School of Economics, has contributed significantly to the implementation of those ideals, winning praise from his classmates and others at HBS for his initiatives and accomplishments as an officer of the Lesbian, Gay, Bisexual and Transgender Student Association (LGBT-



Photo by Evgenia Eliseeva

Shad Ahmed conceived of the idea for the first University-wide conference showcasing the Middle East and North Africa (MENA) and the Arab world.



Photo by Evgenia Eliseeva

Jens Audenaert hosted lunches where students could learn about friends who might be gay, lesbian, bisexual, or transgender.

SA), whose mission is to "maintain a supportive environment for LGBT students in the classroom, corporate recruiting, and around campus." The organization also aims to "increase awareness and understanding of LGBT people at the School and the surrounding business community."

While serving as the club's treasurer, Audenaert extended his purview and influence far beyond keeping its books and managing its finances. As a first-year student, he was instrumental in launching "diversity luncheons," where classmates could ask questions and learn about students who might be gay, lesbian, bisexual, or transgender. Nominations for the Dean's Award also credited him with developing the concept for a brochure (which he also contributed to and designed) focusing on diversity at HBS and how the presence of LGBT students contributes to the texture of the School community. Distributed by the club to promote its activities to alumni and corporate partners, the 10-page document resulted in a two fold increase in sponsor-



Photo by Evgenia Eliseeva

Johnita Mizelle was in the Business School's African American Student Union, Africa Business Club, Entrepreneurship Club, and Finance Club.



Photo by Evgenia Eliseeva

Even before Jon Puz (above) and Justin Silver began at HBS, they'd asked to get involved in the School's Healthcare Initiative.

ships. As further testament to its effectiveness, the HBS Admissions Office now uses the brochure in information sessions for prospective students.

During his final semester at the School, Audenaert's interests led him to pursue two academically related projects under the guidance of HBS faculty members. One, undertaken with a classmate, explores "best practices" in managing diversity at HBS and eight other business schools. The other is leading to the first HBS case study with an openly lesbian protagonist.

As co-chair of the fifth annual Healthcare Club Conference, organized by Harvard Business School students and held on campus this past January, Audenaert played a

major role in the success of an event that drew keynote speakers and panelists from companies such as Eli Lilly, Johnson & Johnson, Genentech, and McKesson.

With several years of management consulting experience at Bain & Company before attending the HBS, Audenaert frequently acted as an "informal career coach," advising students interested in following that path. Finally, Audenaert's bonds with his classmates were strengthened by his dual roles last year as historian of his first-year section and editor of the yearbook. "Jens has tapped into all his passions to elevate the discourse and experience," a nominator said.

Johnita W. Mizelle: Sharing her wealth of knowledge

When Johnita Mizelle arrived at HBS in 2006, she brought with her a decade's worth of experience in the financial world. After graduating from Spelman College with a bachelor's degree in chemistry, she worked in the Equities Division of the Institutional Sales Group at Goldman Sachs before joining The Williams Capital Group, where she opened the firm's Chicago office and was responsible for all aspects of business development in the Midwest, including corporate finance and institutional brokerage. During her two years at HBS, she has frequently shared her knowledge and experience not only with M.B.A. classmates but also with Harvard undergraduates, impressing one and all with her combination of energy, passion, and charisma.

Mizelle was a major factor in the success of the Veritas Financial Group, founded in the spring of 2007 by three Harvard College students completing their freshman year. Now with nearly 200 members, this undergraduate organization is dedicated to preparing African-American, Latino, and Native American students for careers in finance. To accomplish that, it has overseen the creation of an intensive program that includes seven weeks of training with an HBS student as instructor in one of three areas: private equity, sales and trading, or real estate.

Mizelle prepared the curriculum for the sales and trading track and taught it to 35 students last fall in weekly three-hour classes at HBS. She also gave feedback on homework assignments, provided extra help, graded tests, and put together a career panel of HBS students.

At HBS, Mizelle was an involved member of the Business School's African American Student Union (AASU), Africa Business Club, Entrepreneurship Club, and Finance Club. As one of her supporters for the Dean's Award wrote, "Despite her academic workload, Johnita has chosen to actively contribute to these clubs' objectives and to sustain a legacy of leadership and service."

Heading a 25-member HBS team, she was integral in the organization of the Finance Club conference, which included 11 sponsoring institutions and more than 200 participants representing 10 business schools. The success of the conference will also have an impact on future members of the club, since the \$35,000 in surplus will be

devoted to developing an array of educational activities for them.

As chief financial officer of the Entrepreneurship Club, one of the largest student organizations on the HBS campus, Mizelle also dealt with the details of processing new memberships. Working with the AASU, she focused on promoting professional development. During her first year in the club, she spearheaded its career fair, organizing the event and carrying out all marketing efforts. This year, she assembled a panel of finance professionals for the AASU's annual conference.

In addition, Mizelle served on student panels at HBS to provide her own perspectives on working on Wall Street, helped conduct mock interviews for summer internship candidates in financial services, and advised and inspired other students individually.

Jon Puz and Justin L. Silver:

Intent on improving health care

Even before Jon Puz and Justin Silver began their first year at HBS, they had already asked how they could become involved in the School's Healthcare Initiative. Established in 2005, the initiative



Photo by Evgenia Elisee va

Jeffrey C. Shaddix is known for consistently reaching out to help those around him.

provide first-year M.B.A. students with leadership opportunities. In addition, the duo organized the first health care trek in Boston, visiting sites such as Abiomed, Brigham & Women's Hospital, Genzyme, Highland Capital Partners, Millennium Pharmaceuticals, Novartis, and Zoll Medical.

To showcase the talents and dedication of current Healthcare Club members, Puz and Silver were catalysts in creating the first issue of the club's "biobook." Well received by prospective students, faculty members, and recruiters, the booklet is now included in HBS admissions materials. The pair also revamped the club's Web site; expanded the grant program for health care field studies and independent study projects; partnered with the School's Healthcare Initiative to identify areas for collaboration, co-development, and co-marketing; and led a campaign to raise funds to fight amyotrophic lateral sclerosis (ALS), better known as Lou Gehrig's disease, which has afflicted a member of the M.B.A. Class of 2007.

Puz and Silver's leadership and achievements have also extended beyond the Healthcare Club. Puz is co-president of the Midwest Student Association and was selected as an HBS board fellow for Cambridge Cares About AIDS. He was also on the team that, in unprecedented fashion, recently won both the HBS Business Plan Contest (social enterprise track) and the MIT Entrepreneurship Competition (biotech track) for Diagnostics-For-All, a not-for-profit enterprise whose mission is to provide a new generation of point-of-care diagnostic tools for people in the developing world.

Silver was part of the team that represented HBS at the Venture Capital Investment Competition (VCIC), an educational event in which M.B.A. students from various schools play the role of venture capitalists assessing actual companies. The students then present their final invest-

ment recommendations to judges who are real venture capitalists. After participating in the VCIC, Silver helped establish a similar competition on campus so that other HBS students could benefit from this kind of experience.

Jeffrey C. Shaddix:

Helping the less fortunate

Described widely by his peers as an individual who pursues a life in step with his high values and ideals, Jeff Shaddix, who holds bachelor's and master's degrees from the University of Texas, is known for his positive outlook and for consistently reaching out to help those around him. It is this genuine passion for service that propelled him for the past two years to spend January in Hurricane Katrina-ravaged New Orleans and the surrounding region. Part of a program known as the New Orleans Service Immersion, he traveled to the Crescent City

with other HBS students, faculty, and staff — many of them involved with the School's Social Enterprise Initiative — to contribute time and talent to a variety of rebuilding efforts.

In his second trip to New Orleans, Shaddix not only served as co-leader of the immersion, which involved a considerable amount of advance preparation and attention to detail, but built upon his 2007 experience to play a critical role in addressing educational issues affecting the city. He and his team developed and conducted intensive career development sessions for the undergraduate business students of historically black Dillard University, focusing on general career goals, industry opportunities, and internships. The flood-affected environment forced Shaddix and his team to counter unforeseen obstacles such as a damaged information technology and electrical infrastructure, and a greatly diminished group of Dillard professors and staff — not to mention the fact that companies were slow to resume their recruitment efforts in the area.

Those who worked alongside Shaddix in New Orleans commented on his exceptional ability to listen, engage directly with others, set a vision, and achieve consensus among a diverse group to follow that vision. One nominator for the Dean's Award depicted him as a "master of acknowledgment" who is always ready to mention the contributions and successes of those he works alongside. These are the traits that Shaddix relied on to build a community of trust that was necessary not only to fulfill the goals of the New Orleans immersion but also to make the experience equally profound for the HBS participants and those they helped.

Active in the Christian Fellowship at HBS since his first semester on campus, Shaddix took on a leadership role in that group last fall as its community service coordinator and established a series of events with the Boston Rescue Mission, a homeless shelter. He recently organized a spring clothing drive so that when students move out for the year, they can easily donate clothes to those in need. Shaddix also spearheaded a volunteer consulting project that created a business plan to launch a youth camp this summer for students making the transition from high school to college.

DRCLAS awards 27 certificates, names thesis prize winners

The David Rockefeller Center for Latin American Studies (DRCLAS) has awarded nearly 30 certificates in Latin American Studies this year. Undergraduates from multiple academic departments and doctoral students from the Graduate School of Arts and Sciences received the certificate. To be eligible, students must complete an approved course of study as a part of their work toward the A.B. degree or Ph.D. degree. Students must also write a senior thesis or dissertation on a Latin American topic.

The 2008 DRCLAS certificate winners, including their field of study and thesis/dissertation title, are as follows:

Stephen Amrock, sociology, "Globalizing Actionable Rights: The Role of Policy Elites in Health Care Reform in Chile and Bolivia, 1982-2007"

Rosa Evangelina Beltrán, history and literature, "'Ordem e Progresso': The Dead-Beat Malandro and National Identity in João Antônio's 'Malagueta, Perus, e Bacanaço'"

Eleonor H. Broh, government, "Domestic Implementation of International Human Rights Norms: Therapeutic Abortion in Nicaragua and Colombia"

Olivia Tileston Brown, history, "In Sickness and in Health: The U.S. Influence on the Development of Sanitation and Public Health in Cuba between the Spanish-American War and the Cuban Revolution, 1898-1959"

Joseph Forrest Busa, social studies, "Jungle Politics: Shari'ah in the Quotidian"

Nina María Catalano, government, "The Pantomime: United States Military Aid to Colombia and the State Department Human Rights Certification"

Denise Linda Delaney, anthropology, "Marginality and Violence: The Experience of Being a *Desplazado* in the Colombian Capital"

Areli Fernández Valdés, Romance languages and literatures, "Entre Continuidad y Ruptura: Figuras de la Mujer Maya y su Cultura en la Poesía de Briceida Cuevas Cob"

Elizabeth Cronin Goodwin, history and literature, "Finding a Voice in the Shadows: Silvina Ocampo's Literary Persona"

Jamie Elizabeth Greenman, anthropology, "*Feministas* and *Chiquitas*: Reproductive and Sexual Rights Activism Among Chilean Women"

Erika Helgen, Romance languages and literatures, "A Polish Pope in Puebla: Liberation Theology, Ecclesiology, and the Third General Conference of the Latin American Episcopate"

Ariel Huerta, government, "The Struggle to Enforce Mano Dura Anti-Gang Legislation in El Salvador: State Weakness and Democratic Strength"

Miles Alexander Johnson, social studies, "Color into Race, Romance into Realism: Affirmative Action and Racial Identity in Brazil"

Ernesto Martínez, anthropology, "Border Chinese: Making Space and Forging Identity in Mexicali, Mexico"

Kenneth Walter McKinley, anthropology, "Who Decides? The Intersubjectivity of Live Organ Transplant in Argentina and the United States"

Danielle Olga Garner Mirabal, anthropology, "Interpretation of Faunal Remains from the Contact Site of Magdalena de Cao Viejo: North Coast of Peru"

(See **DRCLAS**, next page)



Photo by Evgenia Elisee va

Jon Puz and Justin Silver (above) were catalysts in creating the first issue of the Healthcare Club's 'biobook.'

joins students, faculty, and alumni interested in improving health care and the health care system.

Elected co-presidents of the HBS Healthcare Club last year, Puz, who studied computer science and systems analysis at Miami University (Ohio), and Silver, a finance major at Washington University (St. Louis) with a master's degree in biochemistry from Georgetown, initiated many new and creative programs.

Focusing on foundational activities and infrastructure, they established the club's first advisory board, comprising faculty, staff, and alumni. They also created a formal governance document as well as new positions of responsibility, including a philanthropic committee to bolster and institutionalize the club's charitable activities and health care representatives within each first-year section. The health care reps help communicate club activities and

DRCLAS awards grants, travel internships

The David Rockefeller Center for Latin American Studies (DRCLAS) is sponsoring more than 130 students traveling to Latin America for research and internships this summer.

DRCLAS awarded research travel grants to 14 undergraduates for honors thesis research and 23 graduate students for dissertation research in Latin America. DRCLAS has also provided grants to 26 undergraduate and 10 graduate and professional school students for internships in Latin America.

The center's Summer Internship Program places students in Argentina, Bolivia, Brazil, Chile, and Peru. In each country, students work at organizations that align with their personal or career interests. The center arranges host family stays and once-a-week seminars, lectures, and excursions. A record total of 67 Harvard undergraduate students will take part in the internship program coordinated by the DRCLAS Chile regional office and the Brazil office, with 19 students traveling to Chile, 30 to Argentina, one to Bolivia, 10 to Peru, and seven to Brazil.

DRCLAS awarded eight grants to undergraduates participating in WorldTeach this summer. Four students will receive funding to teach in Costa Rica, and four will receive funding to teach in Ecuador.

Finally, the center will also award four summer Foreign Language and Area Studies (FLAS) fellowships to students in the Graduate School of Arts and Sciences and the Harvard Kennedy School for intensive summer language training in Latin America or at other U.S. universities.

DRCLAS

(Continued from previous page)

David Robinson Porter, history, "Making Trade Fair: The Negotiation and Implementation of NAFTA Chapter Twenty"

Mónica María Renta, Romance languages and literatures, "La Fama es una Estupidez: La Construcción y el Desarrollo del Fenómeno Roberto Bolaño"

Gabriel Rocha, literature, "This Inscrutable People: Hesitancy, Anthology, and Repetition in Elizabeth Bishop"

Gregory Scruggs, literature, "Reading Space and Place between Morro and Asfalto: An Itinerary through the Contemporary Zona Sul of Rio de Janeiro"

Miriam Shakow, anthropology, "States of Discontent: Patronage, Liberalism, and Indigenist Democracy in Central Bolivia"

Noelle Stout, anthropology, "On the Malecón: Revolutionary Desires in Late-Socialist Cuba"

Aidan Tait, Romance languages and literatures, "A Pesar de Todos, Nosotros Hicimos el Mundial: The Military, the Argentine Media, and the Enduring Legacy of the 1978 World Cup"

Nicola Ulibarri, anthropology, "Sense of Place in a Changing World: Identity, Ritual, and Development in Ocongate, Peru"

Patrícia Vieira, Romance languages and literatures, "Seeing Politics Otherwise: Representations of Vision in Iberian and Latin American Political Fiction"

Beatrice Viramontes, anthropology, "Journeys to Aztlán: The (Re)creation of Pre-Columbian Forms in the Contemporary Chicano Murals of Los Angeles"

Nina Vizcarrondo, anthropology, "Cooperativism in Guatemala: Contradictions, Chimeras, and Conflict"

Extension School awards student, faculty prizes

The Harvard Extension School has announced the following student prize and faculty award winners for 2008.

Commencement Speaker Prize

The Commencement Speaker Prize is awarded at two of the three Harvard Extension School June graduation ceremonies. Winners **Leilani Sevilla** A.L.B., *cum laude*, will deliver the Commencement address "Eye Sights and Worth, Redefined" at the undergraduate/graduate ceremony, and **Todd Fawcett** A.L.M., a concentrator in psychology, will deliver his speech, "Personal Transformations," at the graduate ceremony. Jonathan Abbot, president and CEO of WGBH Educational Foundation, will deliver the main address at the graduate management degree/certificate ceremony.

Dean's Prize for Outstanding A.L.M. Thesis

The Dean's Prize for Outstanding A.L.M. Thesis recognizes the thesis that embodies the highest level of imaginative scholarship in each of the disciplines of the Harvard Extension School's master's degree programs.

The Dean's Prize for Outstanding A.L.M. Thesis in the Behavioral Sciences is awarded to **Martha Lagace**, concentrator in anthropology and archaeology, for her thesis "Stealing Clothes, Inciting Murder: Rwandan Women and Their Fatal Alliances During the 1994 Genocide." Lagace investigated the ways that women both actively and passively participated in the Rwandan Genocide, interviewing accused perpetrators, witnesses, and members of nongovernmental organizations with firsthand knowledge of the atrocities, and searching diligently for corroborating documentation both in the United States and in Kigali. Thesis director Jens Meierhenrich, assistant professor of government and social studies at Harvard wrote, "Ms. Lagace contributed important new insights to our understanding of this under-researched phenomenon." Meierhenrich was particularly impressed by her "tenacious search for, and interpretation of, little known or forgotten historical and anthropological sources that shed light on gender relations in decades prior to the events of 1994." As further evidence of Meierhenrich's high regard for the level of Lagace's scholarship, he has invited her to accompany him to Rwanda along with several other students this summer, to assist in his ongoing research. Lagace, who received her B.A. from Simmons College, is employed by the Harvard Business School as the senior editor of Working Knowledge.

The Dean's Prize for Outstanding A.L.M. Thesis in the Biological Sciences is awarded to **Rosemary Balfour** for her thesis, "Temperature Shifts and Habitat Modification Impact the Population of Terrestrial Birds Wintering in Inland Massachusetts." The thesis investigates the impact of the increasing average winter temperatures and habitat modification on winter populations of terrestrial birds in Massachusetts, based on the Christmas Bird Count (CBC) data recorded annually by volunteers for the National Audubon Society. She found that the increasing numbers of winter populations of southern species in Massachusetts are occurring in response to a complex interaction of factors that include climate change, habitat modification, and supplementary food resources. Her work was done as a joint venture between the Harvard Forest and the Massachusetts Audubon Society. David Foster, director of the Harvard Forest and Balfour's thesis director called her work "superb" for the extraordinary amount of data analysis and interpretation that it contains, stating that it represents an original contribution to the field that should be prepared for publication. Balfour earned a B.S. in biological sciences, with honors, from the University of Stirling, Scotland. After coming to the United States, she worked as a laboratory technician in the biotech industry and later in management at Genzyme Corp., designing and implementing clinical trials for studies on gene therapy. After a long career in the corporate world of science and technology, Balfour became a student once more and was able to pursue her lifelong interest in animal behavior and ecology through the A.L.M. program.



Photo courtesy Harvard Extension School

This year, the Harvard Extension School is proud to be conferring 481 degrees and certificates.

The Dean's Prize for Outstanding A.L.M. Thesis in Biotechnology is awarded to **Beverly Neugeboren** whose thesis, "Demonstrating the Fitness Costs of Generosity in the Budding Yeast *Saccharomyces cerevisiae*," uses a simple model organism, yeast, to explore a complex biological problem: how cooperation evolves by natural selection. Her thesis director, Andrew Murray, Herchel Smith Professor of Molecular Genetics in the Department of Molecular and Cellular Biology at Harvard, stated, "This is an original, meticulous, and thoughtfully written thesis. Ms. Neugeboren has taken the time to master and critically evaluate a large body of literature and then executed a demanding strategy to make the complicated strains needed to complete a series of rigorous and demanding experiments." Neugeboren received her A.L.B. degree from Harvard Extension School in 2000. She graduates with a GPA of 3.81 and will continue her work with Murray as the manager of his lab.

The Dean's Prize for Outstanding A.L.M. Thesis in Educational Technologies is awarded to **Denise Gray** for her thesis titled "A Model for a Student Technology Assistant Program (STAP) in Higher Education." Gray, a SUNY Fredonia graduate, currently works at Harvard Law School as an instructional Web developer/analyst. Her thesis adviser, Kenneth Martin, acting director of technology support services at Harvard Law School, comments, "By examining the Harvard University Presidential Instructional Technology Fellows program (PITF) through an organizational lens, the thesis serves as the first research-based effort to better understand the accomplishments of this successful program. Aside from providing a theoretical foundation to the program, Ms. Gray's research will assist future

development of the PITF program at FAS." The thesis' specific recommendations have been reviewed and currently are being implemented by Harvard's Instructional Computing Group (ICG).

Catalina Laserna, director of the A.L.M. in Educational Technologies program, adds, "While in practice the PITF program has been well received by Harvard faculty, Denise's research goes beyond the successful practice to ask: How does it work in theory? The formal model Denise proposes is generic enough for use by other institutions of higher education to build upon."

The Dean's Prize for Outstanding A.L.M. Thesis in Environmental Management is awarded to **Patrick Hegarty** for his thesis titled "Ecosystem Response to the Invasive Ascidian, *Didemnum* sp. in Long Island Sound." Hegarty's research showed that the nonendemic species of *Didemnum* (Tunicate/sea squirt) causes greatly reduced biodiversity as it covers existing surfaces in temperate Western North Atlantic coastal waters, smothering or preventing larval settlement and growth of other species of marine invertebrates. His thesis director, Gerald Crabtree of

PhytoCeutica Inc., wrote, "Mr. Hegarty's extensive field, laboratory, and reference work have provided a detailed analysis of this organism which has the potential to cause ecological mayhem in Long Island Sound and elsewhere." Hegarty holds a B.A. in history from the University of Connecticut, and is preparing to apply to area doctoral programs in environmental studies.

The Dean's Prize for Outstanding A.L.M. Thesis in the Humanities is shared by **Janet Holladay**, concentrator in women's studies, and **Sarah Powell**, concentrator in dramatic arts.

Holladay's thesis, "Right Relationships: Inter-Responsiveness of Nature and Humankind Seen in the Work of Nature Writers Annie Dillard, Helen Merrell Lynd, and Sally Carrighar," poses a question that is both philosophical and theological: how can individuals foster a friendlier universe by redefining their relations with others, both human and nonhuman, so that they are grounded in mutuality and egalitarianism? The three women writers named in her title chronicle their personal experiences in nature and embody three stages of transformation in the conception of self in relation to others. The theological method of Gordon Kaufman, Mallinckrodt Professor of Divinity *Emeritus* at Harvard — and the director of the thesis — provides the framework for examining this constructive re-visioning of relationships within the world. Kaufman described the work as "a truly brilliant paper on humanity's situation in nature" and a "highly original piece of thinking and writing.... It is only very rarely that I have seen such a subtle probing employment of theological concepts.... I hope this thesis can be published in the near future as a small book." Holladay holds a B.A. in art history from Smith College and an M.T.S. from Harvard Divinity School. She graduates with a GPA of 3.84.

Powell's thesis is titled "Subversion and (Un)containment: Homoeroticism in the Plays of William Shakespeare." It begins by questioning the theory of Stephen Greenblatt, Cogan University Professor of the Humanities at Harvard, that subversive elements within the plays of Shakespeare are ultimately "contained" by play's end and the normal order of things restored. Powell argues that one subversive element, homosexual or homoerotic

(See **Awards**, next page)

Awards

(Continued from previous page)

relations, is not only uncontained in several of the early comedies but actually leads to the social advancement of the subversive characters, proving what a risk-taker Shak espeare could be. However, in the later tragedies and history plays, the homosexual characters are shut down, when heterosexual marriage and the natural links in the great chain of being are threatened. Greenblatt directed the thesis and stated that he was “deeply impressed” by Powell’s work both for “mak[ing] it even clearer that Shakespeare constructed his explorations of human desire in relation to the overwhelming social obligation to produce offspring in communally legitimized couples” and for demonstrating the range of “counter-desires to which Shak espeare was intensely sensitive.” Powell is a *magna cum laude* graduate of Davidson College, with a B.A. in German and international studies, and is a member of Phi Beta Kappa. She studied German at Julius Maximilian University and has earned graduate certificates in teaching, TESL, and Shakespeare from the University of Brighton (U.K.), Appalachian State University, and the University of Cambridge (U.K.). She works as an academic adviser and admissions coordinator in the A.L.M. office at the Harvard Extension School and graduates with a 3.86 GPA.

The Dean’s Prize for Outstanding A.L.M. Thesis in Information Technology is awarded to **John Andrew Sipple** for his thesis “Free-view3D: A Point-Based, 3D Video Application with Image-Based Rendering.” Sipple researched three-dimensional video-based rendering, which is the creation of an authentic 3-D computer graphics model of a dynamic real-world scene, captured with multiple synchronized video cameras.

According to his thesis director, Hanspeter Pfister, professor of the practice at Harvard’s School of Engineering and Applied Sciences and director of visual computing at Harvard’s Initiative in Innovative Computing, “Applications for this technology are numerous: i.e., in interactive television (freely choosing the perspective on sport scenes) and computer games (inexpensive modeling of realistic human characters).” He regards Sipple’s work as absolutely exceptional, because it encompasses difficult problems in computer graphics, video compression, and signal processing, and Sipple successfully solved them to build a working system. Sipple, who earned a B.S. in mechanical engineering from the University of Minnesota, is employed as a U.S. Army Signal Corps officer.

The Dean’s Prize for Outstanding A.L.M. Thesis in Mathematics for Teaching is awarded to **Deborah Tulley** for her thesis, “The Effects of Single Gender Mathematics Classrooms.” Tulley’s thesis director, Bret Benesh, preceptor in the Department of Mathematics at Harvard, writes, “Debbie’s thesis is remarkable. It goes so far beyond the requirements of a thesis that I believe it will be published in a quality journal on mathematics education. While this thesis does not solve the problem of why women are underrepresented in mathematics today, it gives a rather sizable datapoint about the role single-gender education may play in the future. This is important research.” Benesh also commented on the remarkable process Tulley undertook during the thesis writing process including flying to Australia (because a large number of single-gender schools are located there) to conduct interviews and administer surveys, and teaching herself statistics to determine the quality of the data. Tulley holds a B.S. in industrial engineering and operations research from the University of Massachusetts, Amherst, and teaches mathematics at Newton Country Day School.

The Dean’s Prize for Outstanding A.L.M. Thesis in Museum Studies is awarded to **Sara Wiepking** for her thesis titled “Art Museum Multiple-Visit Programs: Addressing Critical Thinking Skills in the Age of the No Child Left Behind Act.” Her thesis director, independent museum consultant Marion Wingfield, noted that “Sara’s thesis is highly original, an important contribution to the field of museum studies, and exceptionally well-written. She began with a hypothesis that multiple visit field trips were more effective in terms of learning outcomes than the far more typical single-visit field trip, and set about investigating whether or not this was true. The research ... effectively validates her hypothesis.” Wiepking holds a B.F.A. in studio art from the University of Denver. She worked in the Denver Art Museum’s education department before moving to Cambridge to pursue her museum studies degree.

The Dean’s Prize for Outstanding A.L.M. Thesis in the Social Sciences is awarded to **Steven Flanders**, concentrator in history, for his thesis, “The Townscape: Consensus, Conflict, and Narrative in the Late Nineteenth-Century Town Histories of Central New England.” His thesis analyzes the testimony of these town histories as evidence for the “vanished civilizations” of post-Civil War New England, and finds that the town histories provide “a different point of view to the more general debates of the period concerning industrialization and the nation’s progress toward greater degrees of political centralization.” Thesis director John Stilgoe, Robert and Lois Orchard Professor in the History of Landscape Development at Harvard, writes that it is “[o]ne of the finest theses I have ever encountered” and “a master piece of dogged, detailed, and sometimes serendipitous research coupled with the most self-disciplined analytical and compositional efforts.” He commends the thesis for its “master y of both its immediate material and of U.S. history,” and states that he has rarely found “such contextual mastery in the work of Ph.D. students.” Stilgoe declares that Flanders “is now far and away the preeminent scholar working on New England town histories” and that he “is well on his way to being a major-league historian of New England rural matters and modernization.” He has encouraged Flanders to publish his work as a book. Flanders holds a B.A. in history from St. Lawrence University, an M.A. in history from Syracuse University, and an M.B.A. in economics from Cornell University.

The Santo J. Aurelio Prize
Santo Joseph Aurelio A.L.B. ’83, A.L.M. ’85 received his first two degrees at the Harvard Extension School after age 50, and went on to earn a doctorate and enter a new profession, college teaching, after a career of more than 35 years as an official court reporter for the Massachusetts Superior Court. The prize recognizes academic achievement and character for undergraduate degree recipients who are 50 or older.

Ann Marie Bender A.L.B., *cum laude*, is 52 and graduating with a 3.82 cumulative GPA, which represents the top 5 percent of A.L.B. graduates. Bender began her undergraduate degree at the University of Michigan in 1974. Since 2002 she has diligently worked toward her degree at the Harvard Extension School while working full time as a senior claim manager. Now, nearly 35 years later, she is earning her undergraduate degree with a concentration in social sciences that represents an eclectic array of courses in psychology, environmental management, history, and legal studies.

The Derek Bok Public Service Prize
This prize honors the commitment of former president Derek Bok to adult continuing education and to effective advocacy of communi-

ty service activities. It is awarded annually to Harvard Extension School graduates, who, while pursuing academic studies and professional careers, also gave generously of their time and skill to improve the quality of life for others. This year the Extension School awards Derek Bok Public Service Prizes to the following students:

Roberto Guerra, Certificate in Management (C.M.), a cadet in the Air Force Reserve Officer Training Corps (AFROTC), has been an avid community volunteer. He has served food to elderly and bedridden veterans at the Boston VA Hospital, organized cadets to sort food for the Greater Boston Food Bank, provided care packages to deployed military personnel, and organized cleanup activities along the Charles River, among other activities. One of his superior officers has called Guerra “a model for our younger cadets.”

Pierce Durkin A.L.B., entered Harvard Extension School in 2000 and has persevered for eight years to attain his goal of earning his bachelor’s degree. In addition to managing the demands of his full-time career, his undergraduate studies in government, and the untimely death of his sister, Army National Guard soldier Ciara Durkin who was killed while stationed in Afghanistan, Pierce has been for the past five years an active volunteer on the Boston Pride Committee, a nonprofit organization that works to enhance the visibility of New England’s LGBT community through events to promote a wareness, dignity, and understanding.

The Phyllis Strimling Award
This award recognizes the character and achievement of a management program graduate who has used or is preparing to use the management experience for the advancement of women in society.

This year’s Strimling Award recipient is **Jacqueline Mordi** C.M., a citizen of Nigeria, who is interested in the empowerment of African women. She worked from 1995 to 2002 as a teacher of business, computer science, and ethics at Lagoon Secondary School, a high school for girls in Nigeria founded by the nonprofit National Association for Women’s Advancement. One of her students wrote, “She encouraged us to look beyond the prescribed role for African women to forge our own goals of what we wanted our society to look like in the future.” Now located permanently in the United States, Mordi plans to work for the empowerment of African women in this country.

The Annamae and Allan R. Crite Prize
Established by the Harvard Extension School and the Harvard Extension Alumni Association in honor of Annamae Crite, who for more than a half-century faithfully attended Extension School courses, and her son, Allan R. Crite A.B.E. ’68, who was widely recognized as the dean of African-American artists in the Greater Boston area, this prize is awarded to Extension School degree recipients who demonstrate “singular dedication to learning and the arts.”

The recipient of the first Crite Prize is **Katherine Paige Farrington**, concentrator in history. Her thesis, “Seeing Ghosts in Late Eighteenth-Century China in Luo Pin’s 1766 *Guiqu tu* (Ghost Realm Amusements) Scroll,” focuses on what is arguably the single most important pictorial scroll of 18th century China, depicting eight scenes of ghosts and a medley of characters whose meaning has been widely debated by art historians. Her thesis director, Eugene Wang, Abby Aldrich Rockefeller Professor of Asian Art at Harvard, states, “Farrington’s accomplishment is close to a miracle. Her decision to take on this scroll as her thesis

topic at the outset may strike the skeptics as unrealistic. ... An in-depth study requires access to Chinese language sources for sure. Further, very little of the artist’s writing ... has been translated into English. With deep respect for voices from other cultures, Farrington took on the daunting task of learning Chinese. Taking courses and working closely with a private tutor, she has managed to translate the artist’s treatise on his convictions about the workings of the cosmos, a key document that sheds abundant light on the scroll. Attaching the translated text to her thesis makes it solidly substantial. She has made it possible for future English-language readers unable to read Chinese to access this important text.” Farrington holds an A.B. in Asian studies, *cum laude*, from Bowdoin College. After working as a faculty assistant at Harvard Law School for several years while taking her A.L.M. classes, she simultaneously matriculated in the Art Institute of Boston where she will soon complete an M.F.A. in installation art.

The second Crite Prize goes to **Siobhan Wheeler**, A.L.M. concentrator in history of art and architecture, who graduates with a GPA of 3.56. Her thesis, titled “The Art of Reform: Sarah Wyman Whitman and the Art of Stained Glass Design and the Development of the Arts and Crafts Movement in Boston,” recovers the life and work of an important 19th century painter and stained glass maker, Sarah Wyman Whitman, who was a disciple of John Ruskin and a promoter of the idea of social reform through the nobility of art. Wheeler’s thesis director, John Stilgoe, Robert and Lois Orchard Professor in the History of Landscape at Harvard, praised the study as cogently and gracefully “pivot[ing] around several at first seemingly unrelated themes: social reform through the reform of art, Whitman’s growth as an artist to a level equal to that of her male counterparts, and the nuanced changes in stained-glass craftsmanship towards the end of the 19th century. The thesis evidences some of the best descriptive writing about individual windows I have encountered anywhere. But ... its author accomplishes something far more valuable by demonstrating that the changes in Whitman’s work must be understood against innovations in stained-glass making itself.” “In a way,” he states, with its superb union of “argument, context, and visual detail, this thesis is as well conceived as Whitman’s windows.” Wheeler holds a B.A. in art history from Providence College and a Certificate in Museum Studies from the Harvard Extension School. She is employed as a research associate at the Vose Galleries in Boston.

The Reginald H. Phelps Prize
The Reginald H. Phelps Prize Fund was established by Edgar Grossman A.B.E. ’66, founder and first president of the Harvard Extension Alumni Association, and is awarded annually to outstanding bachelor’s degree recipients in honor of a former director of the Extension School. Recipients are chosen on the basis of “academic achievement and character.”

The first Phelps Prize is awarded to **Samuel DiBattista** A.L.B., *cum laude*, a computer science concentrator who is graduating at the top of his class with a 3.91 GPA. A musician and band member, he began his undergraduate career at the University of Massachusetts in 1988, and then graduated from Quincy College *summa cum laude* in 2002. DiBattista, who works full time as a programmer analyst, has immediate plans to attain industry certifications to remain at the forefront of technology. Future plans include graduate studies in computer science as well as one day starting a technology company.

Katrina Ellen Saylor A.L.B., *cum laude*, the second-place Phelps recipient, is graduating with

a 3.88 GPA. Saylor, whose father is a network engineer, grew up playing with computers. With this interest, she began her undergraduate career at the Rensselaer Polytechnic Institute and then University of New Hampshire. Now 13 years later, she is earning her undergraduate degree in computer science with a minor in anthropology and archaeology. Saylor, a former Harvard employee with the Faculty of Arts and Sciences, has plans to combine her computer expertise with her intellectual interest in anthropology to work as an interactive museum exhibit designer.

The third-place Phelps Prize goes to **John Matthew Axten** A.L.B., *cum laude*. Axten, who attended Concord Academy and St. John's College, has been a full-time student at the Harvard Extension School concentrating in English and American literature and language with a minor in classical languages of Latin and Greek. Completing all of his coursework at the Extension School, he was accepted as a special student through the Graduate School of Arts and Sciences and completed six Harvard College courses, all with high honors grades, in his discipline of English. As a capstone experience, he completed an undergraduate reading and research project on Milton's "Paradise Lost" with Sacvan Bercovitch, Powell M. Cabot Professor of American Literature *Emeritus*, which he plans to submit for publication. Axten will apply to Ph.D. programs in English in the fall.

The Thomas Small Prize

Thomas Small came to the United States in 1900 and earned a bachelor of business administration degree from Boston University in 1918. He retired from business in 1965 and that year enrolled at Harvard Extension. In 1983, at age 89, he received his A.L.M. degree, thereby becoming the oldest earned graduate degree recipient in the history of Harvard University. The Thomas Small Prize was established by his family and friends to honor this singular achievement, and is awarded annually on the basis of "academic achievement and character" to outstanding master of liberal arts degree recipients.

Two graduates share the Thomas Small Prize this year, both with a perfect GPA of 4.0.

Angela Chung graduates with a concentration in foreign literature, language, and culture. Her thesis, "That Vertiginous Feeling: A Brief Survey of the Uncanny-Marvelous or the Marvelous-Uncanny in 'Fantastic' Literature," challenges the theories of Tzvetan Todorov and argues that his understanding of the "uncanny" and the "marvelous" was limited in scope because he viewed these concepts as fixed in time, when in fact they changed with historical and cultural consciousness. Furthermore, because Todorov considered these concepts as static, his contention that "fantastic" texts could not exist after the 19th century is also shown to be incorrect through a series of readings of 20th century texts that are analyzed according to Todorov's criteria for the "fantastic." Chung's thesis director, Panagiotis Roilos, professor of modern Greek studies and of comparative literature at Harvard, praised her thesis as a "completely original" study. Chung grew up in Hong Kong and Australia. She earned an LL.B. from Bond University in Queensland and practiced law in Hong Kong for several years before coming to Boston. She has been admitted with full funding to the Ph.D. program in comparative literature at the University of California, Riverside.



Staff file photo Rose Lincoln/Harvard News Office

A stained glass window at the Extension School issues a friendly request.

Suzanne Koven receives her A.L.M. degree with a concentration in literature and creative writing. Her thesis, titled "'Memoirs of Parents' and 'Unveiling,'" is composed of two parts: an investigation of the emerging sub-genre of the literary memoir about a mother or father, and an original memoir by Koven of her own father. Part one examines memoirs by Philip Roth, Richard Selzer, Vivian Gornick, Blake Morrison, Paul Auster, and Donald Antrim and considers their diverse perspectives towards the parent-subject, as well as the pacing of their narratives and the revelation of undisclosed facts. Part two is a moving story of Koven's father and her gradual understanding of the many facets of his life and personality. Its title, "Unveiling," refers both to the Jewish ritual of uncovering a deceased relative's gravestone a year after his or her death and to Koven's uncovering of certain mysteries about her father in the year after his death. Her thesis director, Sven Birkerts, Briggs Copeland Lecturer on English and American Literature and Language at Harvard, commends Koven's thesis for its elegant writing and deeply felt but controlled narrative. Koven graduated *magna cum laude* from Yale University with a B.A. in English. She earned her M.D. at Johns Hopkins University School of Medicine. She practices internal medicine with a special interest in weight issues at Massachusetts General Hospital in Boston and teaches at Harvard Medical School.

The Harold V. Langlois Outstanding Scholar Award

This award recognizes a C.M./master's in management (A.L.M.M.) graduate who has demonstrated exceptional academic accomplishment and promise as a manager.

This year's recipient, **Ana Carolina de Aguiar** A.L.M.M., has worked as an intern in marketing for Bunge and Unilever, and as a product manager for Natura Cosméticos, all located in her native Brazil. She holds a B.S. in business administration from Fundacao Getulio Vargas.

The Katie Y.F. Yang Prize

This prize, named for a 1990 certificate in management graduate, recognizes the initiative, character, and academic achievement of an outstanding international student in the

C.M./A.L.M.M. programs.

This year's recipient, **Maria Sampaio** A.L.M.M., holds a B.A. in business administration from Fundacao Armando Alvares Penteado. Her work experience includes positions as a credit analyst in DuPont and ABN AMRO Bank, both in her native Brazil.

Extension School Faculty Awards

The Carmen S. Bonanno Award
Established in 1990 by the family and friends of Carmen S. Bonanno, who studied a foreign language in the Harvard Extension School many years ago, this award recognizes excellence in foreign language instruction.

Sylvia Zetterstrand is this year's recipient. She has taught elementary and intermediate Spanish courses to students in Harvard College, Harvard Summer School, and, since 1995, at Harvard Extension School. Her student evaluations are consistently among the highest of all Extension School instructors. One student wrote: "Engaging, enthusiastic, knowledgeable, organized, encouraging. As an instructor she has no weaknesses." She holds an A.M. and Ph.D. in linguistics from Harvard University.

James E. Conway Excellence in Teaching Writing Award

Established in 1991 by James E. Conway A.L.B. '85, this award recognizes excellence in the teaching of writing at the Harvard Extension School.

This year's recipient is **Christina Thompson**, editor of the Harvard Review and author of the forthcoming book "Come Ashore and We Will Kill and Eat You All: A New Zealand Story." Thompson has been teaching at the Division of Continuing Education since 2001. Her students praise her for her ability to establish a "vibrant classroom culture," her intellectual rigor, and her "profound knowledge of the subject." She currently teaches creative nonfiction in the Harvard Summer School and "Principles of Editing," one of the core courses in the Extension School's Certificate in Publishing and Communications program, a program for which she also serves as an adviser.

JoAnne Fussa Distinguished Teaching Award

Established by JoAnne Fussa C.S.S. '85, this award recognizes exceptional teaching in business and management courses.

Fussa Award winner **Francis J. Aguilar**, professor of business administration *emeritus*, Harvard Business School, is a specialist in business strategy and ethics. He has been a respected member of the Extension School's management faculty since 2002 where his course, "General Managers in Action," has been rated consistently by students as one of the finest in the management curriculum. "Professor Aguilar has the unique ability to challenge students and get the most out of them," wrote one student, an opinion shared by many others. Aguilar holds the M.B.A. and D.B.A. from Harvard Business School.

Petra T. Shattuck Excellence in Teaching Award

Established by the Harvard Extension School in memory of Petra T. Shattuck, a distinguished and dedicated teacher who died of a cerebral hemorrhage in the spring of 1988, these prizes are presented annually to honor outstanding teaching in the Harvard Extension School.

This year, Shattuck Award winners are **Robert B. Pojasek**, **William B. Robinson**, and **Mark Zender**.

Robert B. Pojasek, adjunct lecturer on environmental science at the Harvard School of Public Health, and the instructor for "Strategies for Environmental Management," has been described by his students as "my savior" and "a font of valuable information." They laud him for his generosity of time, praise him for his sage guidance, and commend him for his depth of knowledge. In teaching the seminar in environmental management, Pojasek has guided dozens of students to successful master's thesis proposals. He began teaching in the environmental management program more than a decade ago.

William B. Robinson, lecturer in the Extension School, research adviser for the A.L.M. in Information Technology program, and senior software architect for distance education at the Harvard Division of Continuing Education, has been teaching a variety of software engineering and mathematics courses at the Extension School since 1985. Students laud him for his inspired teaching methodology. One student commented, "Dr. Robinson posed challenges in his 'Software Architecture and Engineering' course that made me focus like an architect rather than a developer." Another student wrote, "Dr. Robinson is a brilliant guy and excellent teacher; he engages students and helped us with the challenge of working with a group of geographically distant students living in different time zones."

Marc Zender, lecturer on anthropology at Harvard, began teaching at the Harvard Extension School in 2005 with his course "Maya Hieroglyphic Writing." He has earned rave reviews from students ever since: 4.76 out of 5.0 in "The Aztec Empire" this spring. In nominating Zender for the Shattuck Award, a student wrote, "Dr. Zender's dedication to teaching combined with his vast and varied knowledge of ancient cultures make him an incredible resource, not just to the Harvard Extension School but to the archaeology community as a whole."

Dean's Distinguished Service Award

Bestowed occasionally by Dean Michael Shinagel on behalf of the Harvard Extension School on a distinguished teacher with a long record of service.

This year's honoree is **Raymond F. Comeau**, associate dean of management studies at the Harvard Extension School, where he directs the School's two graduate management programs: the certificate in management and the master of liberal arts in management. These programs offer nearly 100 evening management courses to 1,400 students annually. Comeau also serves as director of foreign language instruction for the Harvard Division of Continuing Education, overseeing 16 languages. An expert on foreign language instruction, he is author or co-author of seven college textbooks on French language, culture, literature, and history.

In 1992, the French Ministry of Education named him Officer of the Academic Palmes for his contribution to French studies in the United States, and in 1990, he was named the first recipient of the Harvard Extension School's Carmen S. Bonanno Prize for Excellence in Foreign Language Teaching.

Comeau has been teaching at the Harvard Extension School for 30 years. At the end of this academic year, he is retiring from his decanal role in the Extension School, but will continue to teach as a lecturer in Extension.

Smith

(Continued from page 14)

of telepresence system to be used in medical emergency; Hee Chan Kim, Medical Electronics Laboratory, Seoul National University

Phoebe Kuo '11 (biology), the role of the Wnt signaling pathway in regulating pericyte differentiation into osteoblasts; Peter Hauschka, Children's Hospital Boston

Jennifer Lee '10 (neurobiology), the role of positively charged residues in presenilin for amyloid-beta precursor protein proteolysis; Omar Quintero-Morizon and Michael Wolfe, Brigham & Women's Hospital and Harvard Medical School (HMS)

Menyoung Lee '10 (physics), the use of highly-polarized silicon nanoparticles in magnetic imaging; Charles Marcus, Department of Physics, Harvard University

Adam Letvin '10 (chemical and physical biology), the biogenesis of the outer cell membrane; Daniel Kahne, Department of Chemistry and Chemical Biology

Jack Li '11 (molecular and cellular biology), membrane localization, function, and protein interaction of sonic hedgehog protein receptors Cdo, Boc, and Gas; Benjamin Allen and Andrew McMahon, Department of Molecular and Cellular Biology

Charles Liu '11 (chemical and physical biology), investigating periplasmic transit of lipopolysaccharide during bacterial outer membrane biogenesis; Daniel Kahne, Department of Chemistry and Chemical Biology

Victoria Liu '11 (molecular and cellular biology), the roles of C. elegans FCL-1 gene in early embryonic DNA damage response; Matthew Michael, Department of Molecular and Cellular Biology

Jennifer Lo '10 (molecular and cellular biology), studying neurogenesis and the balance between cell division and differentiation in the early embryo; Anna Philpott, University of Cambridge, England

Shawn Low '11 (chemical and physical biology), temperature compensation in the three-protein cyanobacterial circadian clock; Erin O'Shea, Department of Chemistry and Chemical Biology

Joseph Mandelbaum '11 (biology), tracking stem cell-like characteristics of cancer cells expressing CD133; Jeffrey Settleman, HMS and Massachusetts General Hospital

Samuel Michel '10 (molecular and cellular biology), interactions between rotavirus viral proteins and cellular transcription factors; Susana Lopez, National Autonomous University of Mexico

Shira Mitchell '09 (mathematics and computer science), robust local testability of tensor products of LDPC codes; Irit Dinur, Weizmann Institute of Science, Israel

Duncan Moore '11 (molecular and cellular biology), creating and evaluating a tetracycline regulatable oncolytic recombinant herpes simplex virus; Feng Yao, Brigham & Women's Hospital

Huy Nguyen '10 (chemical and physical biology), characterizing the newly discovered Bundi Bugyo strain of Ebola via cathepsin dependency; James Cunningham, HMS

Iris Odstrcil '10 (molecular and cellular biology), the role of genes in the synaptic choices of retinal neurons; Jeremy Kay and Joshua Sanes, Department of Molecular and Cellular Biology

Maxwell Parsons '10 (physics), the production of a cold beam of polar molecules; Gerard Meijer, Fritz-Haber-Institut der Max Planck Gesellschaft, Germany

Michael Qian '11 (biology), investigation of the transcriptional regulation of the HIF cancer gene; Ed Harlow and John Doench, HMS

Sophie Rengarajan '10 (neurobiology), the behavioral and neural mechanisms of zebrafish habituation; Florian Engert, Department of Molecular and Cellular Biology

Peyton Shieh '10 (chemistry), the total synthesis of Phorbol; David Evans, Department of Chemistry and Chemical Biology

Anna Shneidman '09 (chemistry and physics), probing the glass transition using con-

focal microscopy; David Weitz, Department of Physics and the School of Engineering and Applied Sciences (SEAS)

Alexandra Strom '10 (chemistry), reactivity and synthesis of a bimetallic iron complex; Tobias Ritter, Department of Chemistry and Chemical Biology

Carol Suh '11 (molecular and cellular biology), induced pluripotent stem cell-derived MSCs for Osteogenesis Imperfecta; David Scadden, Harvard Stem Cell Institute and Massachusetts General Hospital

Nike Sun '09 (statistics), adaptive Markov chain Monte Carlo algorithms; Joseph Blitzstein, Department of Statistics

Shoshana Tell '10 (history of science), metabolic genetic disorders prevalent in the Amish and Mennonite communities of Lancaster County, Penn.; Holmes Marton, the Clinic for Special Children

Mark Terrelonge '10 (neurobiology), neuronal mechanism of withholding impulsive behavior in

the medial prefrontal cortex of the rat; Zach Mainen, Instituto Gulbenkian Ciencia, Portugal

Katherine Thurber '11 (neurobiology or psychology), studying the neuroprotective effects of new drugs on retinal ganglion cells; Leonard Levin, University of Wisconsin, Madison

Gerald Tiu '10 (chemical and physical biology), development of a novel, selective drug-polymer conjugate system for prostate cancer treatment; Robert Langer, MIT

Voranaddha Vacharathit '10 (molecular and cellular biology), the optimization of in vitro angiogenesis in differentially isolated endothelial progenitor cells with RGD concentration on an alginate scaffold; David Mooney (Harvard University) and Joyce Bischoff (Children's Hospital Boston)

Michael Viscardi '10 (mathematics), the construction of hermitian metrics on holomorphic vector bundles; Shing-Tung Yau, Department of Mathematics, Harvard University/Morningside Center of Mathematics, Beijing

Helen Yang '11 (molecular and cellular biology), identification and characterization of summoylation site of neuronal activity-regulated protein MeCP2; Michael Greenberg, Children's Hospital Boston, HMS

Qi Yu '11 (human evolutionary biology), the effects of estrogen on a specific biochemical pathway in the vascular endothelium; Thomas Michel, Brigham & Women's Hospital and HMS

Chelsea Zhang '10 (computer science), will create software to merge and visualize real-time data from the CitySense wireless sensor network in Cambridge, Mass.; Matt Welsh, Department of Computer Science, SEAS

May Zhang '10 (neurobiology), the effects of PPAR δ overexpression in alleviating the symptoms in the disease model for multiple sclerosis; Zhigang He, Children's Hospital Boston

Joseph Zimmerman '10 (computer science), automated techniques for proving properties of computer programs; Greg Morrisett, Department of Computer Science, SEAS

357th Commencement: Harvard confers 6,966 degrees and 104 certificates

Today the University awarded a total of 6,966 degrees and 104 certificates. A breakdown of the degrees by schools and programs follows. Harvard College granted a total of 1,564 degrees.

Bachelor of Arts	<i>Cum laude</i> in field of concentration	<i>Cum laude</i> in general studies	<i>Magna cum laude</i> in field of concentration	<i>Magna cum laude</i> with highest honors	<i>Summa cum laude</i> in field of concentration
<i>Men</i>	355	229	18	96	37
<i>Women</i>	375	237	26	91	32
<i>Total</i>	730	466	44	187	69

Bachelor of Science	<i>Cum laude</i> in field of concentration	<i>Cum laude</i> in general studies	<i>Magna cum laude</i> in field of concentration	<i>Magna cum laude</i> with highest honors	<i>Summa cum laude</i> in field of concentration
<i>Men</i>	3	1	0	1	0
<i>Women</i>	3	3	0	0	1
<i>Total</i>	6	4	0	1	1

Graduate School of Arts and Sciences995
Master of Arts384
Master of Engineering1
Master of Science68
Doctor of Philosophy542

Business School912
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Doctor of Business Administration5

School of Dental Medicine95
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*Doctor in Public Policy9

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ALM in Educational Technologies4
ALM in Extension Studies92
ALM in Environmental Management16
ALM in Information Technologies57
ALM in Journalism1
ALM in Management103
ALM in Museum Studies14
ALM in Mathematics for Teaching4
Certificate in Applied Sciences5
Certificate in Environmental Management3
Certificate in Management35
Certificate in Museum Studies2
Certificate in Publishing & Communications8

All figures include degrees awarded in November 2007 and March and June 2008. *Administered jointly with GSAS.



The Harvard Film Archive (HFA) presents a retrospective of the work of underappreciated Hollywood director Leo McCarey in ‘Leo McCarey: Screwball and Beyond’ June 8-16. See film, page 44.

ABOVE: McCarey’s ‘The Awful Truth’ (U.S., 1937) screens Sunday (June 8) at 7 p.m.

Calendar

Events for June 5-Aug. 21, 2008

concerts

Fri., June 13— **“The Dave Brubeck Quartet.”** (Harvard Box Office) Dave Brubeck, pianist; with Bobby Militello, reeds; Michael Moore, bass; and Randy Jones, drums. Sanders Theatre, 8 p.m. Tickets are \$40/\$32.50. Harvard Box Office (617) 496-2222.

Sun., June 15— **“Boston Youth Symphony Orchestra Season Finale Concert.”** (Harvard Box Office) Featuring the Boston Youth Symphony Orchestra,

with conductor Federico Corsetti; the Repertory Orchestra, with conductor Joel Bard; and the Junior Repertory Orchestra, with conductor Adrian Slywotzky. Program includes Beethoven’s Ninth, Wagner, and Mendelssohn. Sanders Theatre, 3 p.m. Tickets are \$30/\$25 general; \$5 off students/senior citizens. Harvard Box Office (617) 496-2222.

theater

American Repertory Theatre
Through Sat., June 7— **“Celebration”**

and **“The Room,”** by Harold Pinter and directed by Roman Kozak, is the final production of the 2007-08 A.R.T./Moscow Art Theatre’s Institute for Advanced Theatre Training season. — *Performances take place at 7:30 p.m. at the Zero Arrow Theatre, corner of Arrow St. and Mass. Ave. Tickets are \$10 general; \$5 students/senior citizens. A.R.T. Box Office (617) 547-8300, or <http://www.amrep.org/iatt/instperf.html>.*

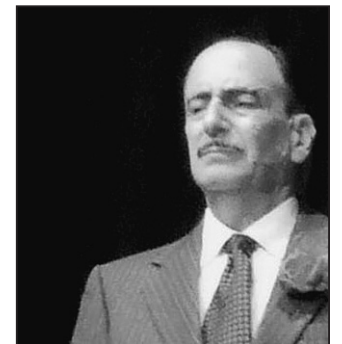
Through Sun., June 8— **“Cardenio,”** written by Shakespeare scholar

Stephen Greenblatt and playwright Charles Mee and directed by Les Waters, presents the wedding of Anselmo and Camila. Between the ceremony and the celebration, Anselmo begs Will, his best man, to flirt with his new wife to test her faithfulness. While Will struggles between appeasing his friend and probing his feelings for Camila, Anselmo’s parents, both aging actors, crash the party, bringing with them two surprises. World premiere. — *Performances take place at the Loeb Drama Center, 64 Brattle St., various times. Ticket prices range from*

Inside

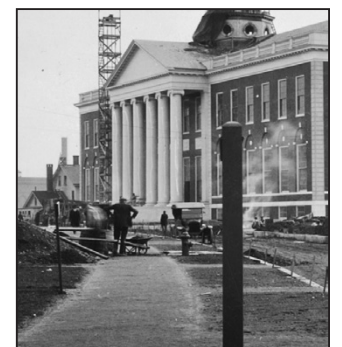
Deadlines

See important
Calendar deadline
information
Page 45



‘It’s De-lovely’

A.R.T. presents a Cole Porter cabaret
Page 47



Building a business (school)

See exhibit at Baker Library
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\$39-\$79 general; \$25 students; \$10 off for senior citizens; group discounts available. A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or <http://www.amrep.org>.

Thu., June 26-Sun., July 20— **“When it’s Hot, it’s COLE! A Cole Porter Cabaret,”** with words and music by Cole Porter, directed by Scott Zigler, and musical arrangements by Peter Bayne, is a cabaret featuring the sparkling, sexy songs of Cole Porter.

— *Performances take place at the Zero Arrow Club, corner of Arrow St. and Massachusetts Ave., various times. Ticket prices range from \$15-\$52 general; \$25 students; \$10 off for senior citizens; group discounts available. A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or <http://www.amrep.org>.*

film

Thu., June 19— **“Abandoned in the Arctic.”** (HMNH) Cambridge premiere of the documentary “Abandoned in the Arctic,” followed by discussion with director Gino Del Guercio, executive producer Geoffrey Clark, and James Shedd, great-great-grandson of Adolphus Greeley. Science Center C, 1 Oxford St., 7 p.m. Free and open to the public. (617) 495-2773, <http://www.hmn.harvard.edu>.

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

(Continued on next page)

(Continued from previous page) available at the Carpenter Center. (617) 495-4700, <http://hcl.harvard.edu/hfa/>.

Thu., June 5—No screenings
Fri., June 6—Zhang’ s **“The New One-Armed Swordsman”** (Hong Kong, 1971) at 7 p.m.; Hu’ s **“Come Drink with Me”** (Hong Kong, 1966) at 9 p.m.
Sat., June 7—Lau’ s **“The 26th Chamber of Shaolin”** (Hong Kong, 1978) at 7 p.m.; Inoue’ s **“Hong Kong Nocturne”** (Hong Kong, 1967) at 9:15 p.m.

Sun., June 8—McCarey’ s **“Silent Comedy Shorts”** (U.S., 1925-29) at 3 p.m.; McCarey’ s **“The Awful Truth”** (U.S., 1937) at 7 p.m.; McCarey’ s **“The Milky Way”** (U.S., 1936) at 9 p.m.

Mon., June 9—McCarey’ s **“Going My Way”** (U.S., 1944) at 7 p.m.; McCarey’ s **“Rally ‘Round the Flag, Boys!”** (U.S., 1958) at 9:30 p.m.

Tue., June 10–Thu., June 12—No screenings
Fri., June 13—McCarey’ s **“Love Affair”** (U.S., 1939) at 7 p.m.;

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 for m is a vailable at the front desk of the News Office, 1060 Holyoke Center. Promotional photographs with descriptions are welcome.

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Deadlines

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

Online

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

Available space

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

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

McCarey’s **“Indiscreet”** (U.S., 1931) at 9 p.m.

Sat., June 14—McCarey’s **“An Affair to Remember”** (U.S., 1957) at 7 p.m.; McCarey’s **“Make Way For Tomorrow”** (U.S., 1937) at 9:15 p.m.

Sun., June 15—McCarey’s **“The Bells of St. Mary’s”** (U.S., 1945) at 3 p.m.; McCarey’s **“Ruggles of Red Gap”** (U.S., 1935) at 7 p.m.; McCarey’s **“My Son John”** (U.S., 1952) at 9 p.m.

Mon., June 16—McCarey’s **“Duck Soup”** (U.S., 1933) at 7 p.m.; McCarey’s **“Once Upon a Honeymoon”** (U.S., 1942) at 8:30 p.m.

Tue., June 17–Thu., June 19—No screenings

Fri., June 20—Wertmüller’s **“The Seduction of Mimi”** (Italy, 1972) and **“The Lizards”** (Italy, 1963) at 7 p.m. with director Lina Wertmüller in person.

Sat., June 21—Wertmüller’s **“Seven Beauties”** (Italy, 1975) and **“Let’s Talk About Men”** (Italy, 1965) at 7 p.m. with director Lina Wertmüller in person.

Sun., June 22—Wertmüller’s **“Love and Anarchy”** (Italy, 1973) at 3 p.m.; Wertmüller’s **“Night Full of Rain”** (Italy, 1978) at 7 p.m.; Wertmüller’s **“Sotto Sotto”** (Italy, 1983) at 9 p.m.

Mon., June 23—Wertmüller’s **“Swept Away”** (Italy, 1974) at 7 p.m.; Wertmüller’s **“All Screwed Up”** (Italy, 1974) at 9:15 p.m.

Tue., June 24–Thu., June 26—No screenings

Fri., June 27—de Antonio’ s **“In the Year of the Pig”** (U.S., 1968) at 7 p.m.; Wertmüller’s **“Rush to Judgment”** (Italy, 1975) at 9:30 p.m. with director Lina Wertmüller in person

Sat., June 28—de Antonio’ s **“Point of Order”** (U.S., 1963) at 7 p.m.; de Antonio’s **“America is Hard to See”** (U.S., 1970) at 9 p.m.

Sun., June 29—de Antonio’ s **“Painters Painting”** (U.S., 1972) at 3 p.m.; de Antonio’ s **“Underground”** (U.S., 1976) at 7 p.m.; de Antonio’ s **“Millhouse”** (U.S., 1971) at 9 p.m.

Mon., June 30—de Antonio’ s **“In the King of Prussia”** (U.S., 1992) at 7 p.m.; de Antonio’ s **“Mr. Hoover and I”** (U.S., 1989) at 9 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, <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, <http://www.loe.org>.

exhibitions

Arnold Arboretum
“The Magnificence of Trees: Photographs by Maria Muller” presents hand-painted and black-and-white photographs that study trees and their intricate arrangements of branches, buds, and blossoms as winter gives way to spring. (Through July 13)
—*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, <http://www.arboretum.harvard.edu>.

“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, <http://www.arboretum.harvard.edu>.

Baker Library
“A Concrete Symbol: The Building of Harvard Business School, 1908-1927” looks back at the process behind the planning and building of the campus. Exhibit will include architectural guidelines, correspondence, early plans, detailed blueprints, elevation drawings, and construction photographs. (Through Sept. 29)
— *Bloomberg Center, north lobby, Baker Library, HBS. Exhibition available online at <http://www.library.hbs.edu/hc/buildinghbs>.*

Carpenter Center
“Inside/Out” is an exhibition of senior thesis projects by Kelly Bowse, Estelle Eonnet, Lewis Liu, Xiaowei Wang, Marisa Williamson, and Katharine Woodman-Maynard of the VES Department. (Through June 5)
— *Main gallery, Carpenter Center, 24 Quincy St. Hours are Mon.-Sat., 9 a.m.-11 p.m.; Sun., noon-11 p.m.* (617) 496-6617, tblanch@fas.harvard.edu, <http://www.ves.fas.harvard.edu>.

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

Countway Library of Medicine
“Complementary Therapies: Masterworks of Chinese and Botanical Medicine” is held in conjunction with “Grand Delusion?”, bringing to light some of the treasures of the collection and including the first Western texts dealing with Chinese medicine and acupuncture. (Through December 2008)
— *Center for the History of Medicine, Countway Library.* (617) 432-6207, jack_eckert@hms.harvard.edu.

“Grand Delusion? The History of Homeopathy in Boston” traces the developments of the history of homeopathy in Boston and Massachusetts and the contributions and experiences of its practitioners, in both conflict and concert with their regular medical colleagues. On exhibit are rare books and pamphlets, both supporting and attacking the homeopathic movement; a specimen of documents from an 1871 trial to expel homeopaths from the Massachusetts Medical Society; an early 20th century homeopathic medicine chest; and more. (Through December 2008)
— *Center for the History of Medicine, Countway Library.* (617) 432-6207, jack_eckert@hms.harvard.edu.

“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.

Graduate School of Design
“Commencement Exhibition.” (Through Aug. 6)
—*Gund Hall, GSD, 48 Quincy St.* <http://www.gsd.harvard.edu>.

Harvard Art Museum
■ **Busch-Reisinger Museum**
“A Taste of Power: 18th-Century German Porcelain for the Table” examines the use of porcelain figurines as intriguing table decorations at elaborate baroque court festivals and banquets. In the 18th century,

porcelain was not just an art to amuse and delight the eye: It was also a potent source of prestige and a demonstration of power. The exhibit features objects from Meissen, Nymphenburg, and Höchst manufactories and encourages a fresh experience of the works by suggesting their original context and function. (Through June 30)

■ **Fogg Museum**
“Long Life Cool White: Photographs by Moyra Davey” marks the first survey of Davey’s work, and her first major exhibition in a museum. Davey’s work focuses on the humble and mundane accumulations of everyday objects, such as stacks of newspapers, books, records, and money. Her modest scale encourages viewers to focus their attention and consequently increase their awareness of everyday life. See also Carpenter Center for related exhibit. (Through June 30)

“Renzo Piano’s Art Museum for Harvard” presents Renzo Piano Building Workshop’s schematic design for the long-awaited renovation of the Harvard Art Museum facilities at 32 Quincy St. Renzo Piano, a recipient of both the Pritzker Prize and the American Institute of Architects’ 2008 Gold Medal, has been charged with designing a home for the Fogg, Busch-Reisinger, and Sackler museums under one roof. While not a representation of the final design, the exhibition presents an important milestone in design progress and highlights many of the opportunities and challenges ahead as this historic transformation moves forward. (Through June 30)

■ **Sackler Museum**
“Ancient Art.” (Through June 30)

“Asian Art.” (Through June 30)

“Islamic Art and Indian Art.” (Through June 30)

—*The Fogg and Busch-Reisinger museums are located at 32 Quincy St. The Sackler Museum is located at 485 Broadway. The Harvard Art Museum is open Mon.-Sat., 10 a.m.-5 p.m.; Sun., 1-5 p.m. Admission is \$9; \$7 for senior citizens; \$6 for college students with ID; free to Harvard ID holders, Cambridge Public Library card holders, members, and to people under 18 years old; free to the public on Saturday mornings 10 a.m.-noon and every day after 4:30 p.m. General tours are held Mon.-Fri. The Fogg tour is at 11 a.m. The Busch-Reisinger tour is at 1 p.m. The Sackler tour is at 2 p.m.* (617) 495-9400, <http://www.harvardartmuseum.org>. **NOTE: All three museums will close to the public on June 30 for a renovation project. The Sackler will reopen galleries beginning Aug. 1 and will remain open during the renovation.**

Harvard Medical School
“Not a Cough in a Carload: Images from the Campaign by the Tobacco Industry To Hide the Hazards of Smoking.” Sponsored by Harvard’s Medical School, School of Public Health, and School of Dental Medicine. (Through June 2008)
— *Gordon Hall basement corridor, HMS.*

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

“Looking at Leaves: Photographs by Amanda Means” features dramatic black & white images of single leaves by New York photographer Amanda Means, a monument to the remarkable diversity and beauty of nature’s botanical forms. These detailed blow-ups were created by using the leaf itself in the same way as a photographic negative. The immediacy of the process gives the images an eerie intensity and adds to their compelling beauty. (Through Feb. 8, 2009)

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	
Center for 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 Concer 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	DBS
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	OWF
Philosophy of Education Research Center	PERC
Program on Information Resources Policy	PIRP
Program on International Conflict Analysis and Resolution	PICAR
Program on Non-violent 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 last issue of the academic year will be June 12. The summer issues (online only) will be July 24 and Aug. 21. The June 12 issue will list events happening through Aug. 21. The deadline is Thursday (June 5) by 5 p.m. There will be NO exceptions. Please call (617) 496-2651 with any questions.

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

“Sea Creatures in Glass” features dozens of spectacular glass animals meticulously shaped and wired by artists Leopold and Rudolph Blaschka during the 19th century. Many of these glass marine animals are on display for the first time since Harvard’s acquisition of them in 1878. Combined with video, real scientific specimens, a recreation of the Blaschkas’ studio, and a rich assortment of memorabilia, these models of marine invertebrates offer intriguing insights into the history, personality, and artistry of the extraordinary men who created them. (Through Jan. 4, 2009)

“The Ware Collection of Glass Models of Plants” features the world famous “Glass Flow ers” created over five decades by glass artists Leopold and Rudolph Blaschka, 3,000 glass models of 847 plant species. (Ongoing)
—*The Harvard Museum of Natural History is located at 26 Oxford St. Public entrances to the museum are located between 24 and 26 Oxford St. and at 11 Divinity Ave. Open daily, 9 a.m.-5 p.m.; Closed Jan. 1, Thanksgiving Day, Dec. 24, and Dec. 25. Admission is \$9 for adults; \$7 for senior citizens and students; \$6 for children 3 to 18 years old; free for children under 3 years old. Group rates available with advance reservations; call (617) 495-2341. Free admission (for Massachusetts residents only) on Sun. mornings 9 a.m.-noon, except for groups, and free admission on Wed. afternoons, Sept.-May, 3-5 p.m. Free admission with a Bank of America credit card on the first full weekend of every month. (617) 495-3045, <http://www.hmn.harvard.edu>.*

Holyoke Center
“Local Harvest: The Busa Family Farm” features photography by Justin Ide. Over the past year, Ide has been photographing at a local family farm in Lexington, Mass., called Busa Farm. This exhibit is the “spring” phase of this ongoing project. (Through June 18)
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave. Mon.-Fri., 8 a.m.-7:30 p.m.; Sat.-Sun., 9 a.m.-6 p.m. Free and open to the public. (617) 495-5214.*

“An Exploration of Color in Nature, Plus One” features photographs by Tom Arnold. (June 20-July 16)
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave. Mon.-Fri., 8 a.m.-7:30 p.m.; Sat.-Sun., 9 a.m.-6 p.m. Free and open to the public. (617) 495-5214.*

“City Bits” features oil paintings by Vic Yambao showing small portions of Cambridge. (July 18-Aug. 13)
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave. Mon.-Fri., 8 a.m.-7:30 p.m.; Sat.-Sun., 9 a.m.-6 p.m. Free and open to the public. (617) 495-5214.*

“Women of the Rubaiyat” features paintings by Carolyn Fischel. (Aug. 15-Sept. 10)
—*Holyoke Center Exhibition Space, Holyoke Center Arcade, 1350 Mass. Ave. Mon.-Fri., 8 a.m.-7:30 p.m.; Sat.-Sun., 9 a.m.-6 p.m. Free and open to the public. (617) 495-5214.*

Houghton Library
“From Rhubarb to Rubies: European Travels to Safavid Iran, 1550-1700” features Houghton Library’s rich collec-

tion of early modern books, maps, prints, and miniatures that illustrate the reasons why travelers went to Iran, what they brought home from their visits, and how they shared their impressions and experiences. (Through Aug. 16)
—*Edison and Newman Room, Houghton Library. Mon.-Fri., 9 a.m.-5 p.m.; Sat.: 9 a.m.-1 p.m. (617) 496-4027.*

Lamont Library
“Harvard College Annual International Photo Contest” features photographs taken by Harvard students while they studied, worked, interned, or did research abroad during the 2006-2007 academic year. (Through June 2008)
—*First and third floor cases, Lamont Library. (617) 495-2455.*

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

“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)

“Fragile Memories: Images of Archaeology and Community at Copan, 1891-1900” presents the written and visual records of early expeditions to remote areas of Mexico and Central America, and the results of a two-year project to digitize more than 10,000 nineteenth century glass-plate negatives from those trips. (Through Dec. 31)

“From Nation to Nation: Examining Lewis and Clark’s Indian Collection” explores the only known surviving Indian objects brought back by Lewis and Clark and what they tell us about Lewis and Clark’s journey and the nations they encountered. (Through June 2008)

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

“REMIX: Indigenous Identities in the 21st Century” features the works of four visual artists — Doug Miles, Ryan Red Corn, Courtney Leonard, and Bunky Echo-Hawk — and rapper Quese IMC, who have embraced the ethos of modern Native American heritage, transforming traditional materials, ideas and iconography into powerful contemporary art. (Through Aug. 31)

“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)

—*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, <http://www.peabody.harvard.edu>.*

Pusey Library
“The Lands of the Sophi: Iran in Early Modern European Maps (1550-1700).” (Through Aug. 16)
—*Harvard Map Collection Gallery, Pusey Library. (617) 495-2417, cobb@fas.harvard.edu.*

“Theodore Roosevelt in Cartoon: The Verdict, 1898-1900.” (June-September 2008)
— *Theodore Roosevelt Gallery, Pusey Library. Mon.-Fri., 9 a.m.-4:45 p.m. (617) 384-7938.*

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

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

“The Houses of Ancient Israel: Domestic, Royal, Divine” is devoted to everyday life in Iron Age Israel (ca. 1200-600 BCE). Featured in the exhibit is a full-scale replica of a fully furnished, two-story village house. (Ongoing)

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

lectures

art/design

Thu., June 5— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Fri., June 6— **Docent Tour: “The Age of Rembrandt.”** (HAM) Susan Glassman, docent. Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Sun., June 8— **Gallery Talk: “The Early Renaissance in Tuscany: Art and Devotion.”** (HAM) Nicole Bensoussan, curatorial fellow. Fogg Museum, 3 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Tue., June 10— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Wed., June 11— **Docent Tour: “It’s Too Darn Hot: Degas in New Orleans and Bazille in the French Countryside.”** (HAM) Alice DeLana, docent. Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Thu., June 12— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Fri., June 13— **Docent Tour: “Long Life Cool White: Photographs by Moyra Davey.”** (HAM) Fogg Museum, 12:15

p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Tue., June 17— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Wed., June 18— **Docent Tour: “German Expressionism and Impressionism: A Contrast in Styles.”** (HAM) Betty Wolsky, docent. Busch-Reisinger Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Thu., June 19— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Fri., June 20— **Docent Tour: “Innovations in Painting from 1350-1600.”** (HAM) Dorothy Gillerman, docent. Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Tue., June 24— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Wed., June 25— **Docent Tour: “Art of the Renaissance in the Art Museums’ Collections.”** (HAM) Diana Obbard, docent. Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Thu., June 26— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

Fri., June 27— **“Gallery Conversations: Art As You See It.”** (HAM) Calderwood Courtyard, Fogg Museum, 12:15 p.m. Free with the price of admission. (617) 495-9400, <http://www.harvardartmuseum.org>.

business/law

Thu., June 12— **“Distribution of Motor Fuel: Legal Disputes.”** (Real Colegio Complutense) Javier Martínez Rosado, UCM. RCC conference room, 26 Trowbridge St., 7:30 p.m. Free and open to the public. <http://www.realcolegiocomplutense.harvard.edu>.

conferences

Mon., June 9-Fri., June 13— **“The 10th Annual Ethical Issues in International Health Research Workshop.”** (HSPH) To reserve your seat, send your completed application and a copy of your current CV to: Maynard S. Clark, Program Manager; Ethical Issues in International Health Research; Harvard School of Public Health; 651 Huntington Ave., FXB 636; Boston, MA 02115. (617) 432-3998, mclark@hsph.harvard.edu, <http://www.hsph.harvard.edu/bioethics>.

Sun., June 22-Fri., June 27— **“Schlesinger Library Summer Seminar on Gender History: Sequels to the 1960s.”** (Radcliffe Institute) Plenary lectures by distinguished historians will examine the gender dynamics of political and social movements from the 1960s to the present in the United States. Radcliffe Institute, schedule TBA.

Registration required by June 6. (617) 495-8600, <http://www.radcliffe.edu>.

environmental sciences
Thu., June 19— **“Abandoned in the Arctic.”** (HMNH) Cambridge premiere of the documentary “Abandoned in the Arctic,” followed by discussion with director Gino Del Guercio, executive producer Geoffrey Clark, and James Shedd, great-great-grandson of Adolphus Greeley. Science Center C, 1 Oxford St., 7 p.m. Free and open to the public. (617) 495-2773, <http://www.hmn.harvard.edu>.

health sciences
Medical School
Fri., June 13— **“Returning War Veterans: Meeting Health Needs of Veterans, Families and Communities.”** (31st Annual Erich Lindemann Memorial Lecture) Jaime Darwin, HMS; Richard Moore, state senator and chairman of the Health Care Financing Committee, General Court of the Commonwealth of Massachusetts; Jonathan Shay, Veterans Administration Outpatient Clinic, Boston; and moderator David Satin, HMS. 2:30-5 p.m. Open to the professional community and the public for free; \$20 for 2.5 CE credits. (617) 332-0032, david_satin@hms.harvard.edu.

School of Public Health
Tue., June 10— **“Obesity and Asthma — Lessons from Animal Models.”** (Molecular and Integrative Physiological Sciences) Stephanie A. Shore, HSPH. Room 1302, Building 1, HSPH, 9:30 a.m. **NOTE: This talk has been cancelled.**

Fri., June 13— **“Medical Discovery, Global Health Delivery, and the Future of Child Health Equity.”** (FXB Center for Health and Human Rights, Center on the Developing Child) Paul H. Wise, Stanford University. Room G13, ground level, FXB Building, HSPH, noon. Lunch provided. For more information or to RSVP, e-mail nchampag@hsph.harvard.edu.

Tue., June 17— **“Proteomics. Next Stop Is Systems Biology.”** (Molecular and Integrative Physiological Sciences) Alex Ivanov, HSPH. Room 1302, Building 1, HSPH, 9:30 a.m.

information technology
Fri., June 13— **“Unit Testing Database Code: Why, How and What Are the Issues to be Considered?”** (ABCD Software Quality Assurance Working Group) Padmaja Surendranath, FAS IT Administrative Computing. Maxwell Dworkin 119, noon. RSVP for pizza to chill@fas.harvard.edu. <http://www.abcd.harvard.edu>.

science
Wed., June 11— **“Terahertz Spectroscopy for Astrophysical Applications.”** (ITAMP/CfA) Thomas Giesen, University of Cologne, Germany. Pratt, 60 Garden St., 2 p.m.

social science
Thu., June 5— **“Managing Public Administration: Top Civil Service Systems in Europe and USA.”** (Real Colegio Complutense) Miguel Sánchez Morón, University of Alcalá. RCC conference room, 26 Trowbridge St., 7:30 p.m. Free and open to the public. <http://www.realcolegiocomplutense.harvard.edu>.

classes etc.
Arnold Arboretum offers a series of classes for the general public. (617)

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524-1718 ext. 160, arbweb@arnarb.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. Contact (617) 524-1718 x163, http://www.arboretum.harvard.edu/programs/fieldstudy_guides.html.

■ **Free walking tours:** Come and explore the collections on a free guided tour led by knowledgeable volunteer docents on select Wednesdays, Saturdays, and Sundays. 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 x100, <http://www.arboretum.harvard.edu/visitors/tours.html>.

Families can also take a self-guided tour with a plant treasure map from the Hunnewell Building or <http://www.arboretum.harvard.edu>.

■ **Classes**
Sun., June 8— **“Special Tour: Take a Hike!”** Nancy Sableski, school programs manager. Hemlock Hill Hike, 1:30-3:30 p.m. Bring water and a snack; wear sneakers or hiking boots and a hat. Appropriate for children ages 6 to 12 with accompanying adult. Free, but advance registration request - ed.

Sun., June 15— **“Special Tour: Take a Hike!”** Nancy Sableski, school programs manager. Bussey Hill Hike, 1:30-3:30 p.m. Bring water and a snack; wear sneakers or hiking boots and a hat. Appropriate for children ages 6 to 12 with accompanying adult. Free, but advance registration request - ed.

■ **Special events**
Fri., June 20, and Sat., June 21— **“In the Groves: A Summer Solstice Journey.”** Diane Edgecomb, storyteller, and Margot Chamberlain, celtic harpist. An evening of tree lore and summer solstice legends starting at the Hunnewell Building and continuing along tree-lined paths with story and music. 6:30-8:30 p.m. Fee: \$20 per person. Space is limited.

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

Committee on the Concerns of Women at Harvard holds meetings throughout the year. E-mail ccw@harvard.edu for registration and details.
■ Wed., June 18— **“The Moral Leader: Lessons from Katharine Graham’s Leadership.”** Sandra J. Sucher, HBS. Gutman Conference Center, basement of Gutman Library, GSE, 6 Appian Way, 12:30-1:30 p.m. Buffet lunch available at noon. Space is limited; register to ccw@harvard.edu with the word “registration” in the subject line by May 30.

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

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

Harvard Ballroom dance classes (given by the Harvard Ballroom Dance Team) take place Tuesdays and Wednesdays, 3:30-5:30 p.m., in Lowell Lecture Hall. Cost is \$40/8 classes, \$25/4 classes, or \$7/1 class. Classes offered are Rumba/Cha-cha, Swing, Tango/Waltz, and Salsa. No partner or experience is necessary. <http://www.harvardballroom.org>.

Harvard Course in Reading and Study Strategies offered by the Bureau of Study Counsel. Through readings, films, and classroom exercises, students learn to read more purposefully, selectively, and with greater speed and comprehension. Monday through Friday, one hour/day over a period of a few weeks. Cost is \$150. Summer session will be held Tuesday, July 1-Fri., July 18. Call (617) 495-2581 or come to the Bureau of Study Counsel, 5 Linden St., to register or for more information. <http://bsc.harvard.edu/rc.html>.

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

Harvard Green Campus Initiative offers classes, lectures, and more. Visit <http://www.greencampus.harvard.edu> for details.

Harvard Medical School’s Research Imaging Solutions at Countway. (617) 432-7472, ris@hms.harvard.edu, http://it.med.harvard.edu/pg.asp?pn=ris_index.

■ Fri., June 13— **“Imaging Essentials.”** Goldenson 512, noon-1 p.m. Free. No registration necessary. (617) 432-2323, ris@hms.harvard.edu.

■ Tue., June 17— **“Creating Figures.”** Countway Ware Room, 9 a.m.-1 p.m. Free and open to Harvard employees and HMS affiliates. Registration required at http://it.med.harvard.edu/pg.asp?pn=training_classes.

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

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

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

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

■ **Special events**
Thu., June 19— **“Abandoned in the Arctic.”** Cambridge premiere of the documentary “Abandoned in the Arctic,” followed by discussion with director Gino Del Guercio, executive producer Geoffrey Clark, and James Shedd, great-great-grandson of Adolphus Greeley. Science Center C, 1 Oxford St., 7 p.m. Free and open to the public.

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

The Landscape Institute, 29 Garden St. (617) 495-8632, landscape@arnarb.harvard.edu, <http://www.arboretum.harvard.edu/landscape>.
■ **Competition announcement:** Competition registration and information packets are available for the Landscape Institute planting beds, located on Garden and Chauncy streets. Design proposals are due on Tue., June 24, at 8:30 p.m. Winners will be announced at a reception on Fri., June 27, at 4:30 p.m.; finalists will be exhibited June 30-July 31.

Office for the Arts offers several extracurricular classes designed to

enhance the undergraduate experience. (617) 495-8676, <http://www.fas.harvard.edu/~ofa>.

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

■ **Summer Term 2008** courses, visiting artist master classes, and firing workshops begin the week of June 9. Registration for classes and course information are available at <http://www.fas.harvard.edu/ceramics>.

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

■ Thu., June 5— **“Legal Issues for Same Sex Couples.”** Noon-1:30 p.m. Contact beth_faria@harvard.edu with questions. Register online at <http://tinyurl.com/ybd5p9>.

Office of Work and Family (Longwood Area). All programs meet noon-1:30 p.m. unless otherwise noted. Various places. Feel free to bring a lunch. (617) 432-1615, barbara_wolf@hms.harvard.edu, <http://www.hms.harvard.edu/hr/owf.html>.

■ Thu., June 19— **“Buying Your First Home.”** Susan Keller, Harvard’s assistant director of Faculty Real Estate Services. Ballard Room, 5th floor, Countway Library, HMS, 10 Shattuck St., noon-1:30 p.m. Pre-register to barbara_wolf@hms.harvard.edu.

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

SPH Courses in Continuing Education. Locations vary. (617) 432-1171, contedu@sph.harvard.edu for details.

University Art Museums presents a series of public seminars and special programs. All programs require a fee and most require advance registration. See each program for details. Discounts are available for Friends members of the Art Museums. For more information, advance registration, or information on how to become a Friend, call (617) 495-4544. <http://www.harvardartmuseum.org>. See also lectures, art/design.

■ Tue., June 10, 17, 24, and Thu., June 5, 12, 19, 26, and Fri., June 27— **“Gallery Conversations: Art As You See It.”** Calderwood Courtyard, Fogg Museum, 10:15 a.m. Free with the price of admission.

computer

The **Center for Workplace Development** offers computer-training classes that are open to the Harvard community and affiliates. Classes range from introductory workshops to all levels of word processing, spreadsheets, databases, desktop publishing, and Web development. To learn more, go to <http://harvie.harvard.edu/learning/cwd> or contact CWD at (617) 495-4895 or training@harvard.edu.

Harvard’s **Computer Product & Repair Center** has walk-in hours Mon.-Thu., 10 a.m.-6 p.m.; Fri., 9 a.m.-5 p.m. Science Center B11. (617) 495-5450, <http://www.computers.harvard.edu>.

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

special events

Thu., June 5— **“Annual Meeting of Harvard Alumni Association.”** (Harvard Alumni Association) J.K. Rowling, author. Tercentenary Theatre, 2:30 p.m. For Harvard faculty and staff only (2 tickets per person, per ID). Harvard Box Office (617) 496-2222.

Fri., June 6— **“Radcliffe Day.”** (Radcliffe Institute) Register by May 21 to https://www.alumniconnections.com/olc/pub/HAA/events/event_order.cgi?tmpl=events&event=2156567. For more information, contact 1-888-RAD-ALUM, events@radcliffe.edu, or go to <http://www.radcliffe.edu/alumnae>.

Tue., June 10— **“University-wide Career Forum.”** (Employment Services) 10th annual career forum. Gund Hall, GSD, 48 Quincy St., 4-6:30 p.m. Opens one hour early (3 p.m.) for internal candidates with a valid Harvard ID. Featuring job search workshops and resources. <http://www.employment.harvard.edu>.

Fri., June 20, and Sat., June 21— **“In the Groves: A Summer Solstice Journey.”** (Arnold Arboretum) Featuring Diane Edgecomb, storyteller, and Margot Chamberlain, harpist. An evening of tree lore and summer solstice legends starting at the Hunnewell Building and continuing along tree-lined paths with story and music. Arnold Arboretum, 125 Arborway, 6:30-8:30 p.m. Fee: \$20; space is limited. (617) 524-1718, <http://arboretum.harvard.edu>.

fitness

Harvard Wellness Programs
For a recorded listing of programs, (617) 495-1771.
For a registration form, (617) 495-9629, <http://www.huhs.harvard.edu>.

Massage Therapy, 1-Hour Appointments
One-hour appointments with Licensed Massage Therapists
Mondays-Fridays, afternoon and evening appointments, limited morning appointments
Saturdays, morning, afternoon, and evening appointments
Sundays, morning and afternoon appointments
75 Mt. Auburn St., HUHS
Call (617) 495-9629 to arrange
Fee is \$60/hr; \$40/hr for HUGHP members

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

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

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

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

Reiki
One-hour appointments with Faris

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

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

Acupuncture, 1-Hour Appointments
One-hour appointments with Jeffrey Matrician, Lic. Ac.
Tuesdays and Fridays, morning and afternoon appointments
75 Mt. Auburn St., 2E, HUHS
Call (617) 495-9629 to arrange (clinical clearance required)
Fee is \$75/hr; \$40/hr for HUGHP members

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

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

religion

The Memorial Church
Harvard Yard (617) 495-5508
<http://www.memorialchurch.harvard.edu>
Handicapped accessible

Sunday Services
During the academic year, Sunday services are broadcast on Harvard’s radio station, WHRB 95.3 FM. For those outside the Cambridge area, WHRB provides live Internet streaming from its Web site at <http://www.whrb.org>. During the summer, services take place at 10 a.m.
June 22-Aug. 10—The Rev. Dr. Sarah Birnbaum Drummond, Andover Newton Theological School

Commencement Week Services
■ Thu., June 5—The Chapel Service for seniors in Harvard College is on Commencement morning at 8:30 a.m. Please note that Commencement services are broadcast live into the Tercentenary Theatre, as admission to the Church is limited strictly to candidates for degrees.

Berkland Baptist Church
99 Brattle St., Harvard Sq. (617) 828-2262, dancho@post.harvard.edu
■ Sunday School: Sun., 12:15 p.m.
■ Worship Service: Sun., 1 p.m.
Berkland Baptist Church is a community of faith, primarily comprised of young Asian American students and professionals.

Cambridge Forum
The First Parish in Cambridge, Unitarian Universalist, 3 Church St., (617) 495-2727, <http://www.cambridgeforum.org>.

Christian Science Organization meets in the Phillips Brooks House every Tuesday at 7 p.m. for religious readings and testimonies. (617) 876-7843.

The Church at the Gate
Sunday services: 4 p.m.
<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 fami-

ly congregation meeting places and times, or for information on other classes and events, e-mail lds-bostoninstitute@yahoo.com.

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
<http://www.ruachisrael.org> for more information. Rides from Harvard Square available upon request.

Divinity School Chapel
45 Francis Ave. (617) 495-5778
■ Community Worship: Wednesday, 12:15 p.m.
■ Community Eucharist: Friday, 8:30-9 a.m.

Dzogchen Center Cambridge meets every Monday evening at 7:30 p.m. for Tibetan Buddhist Dzogchen practice at Cambridge Friends Meeting House, Longfellow Park, off Brattle St. (718) 665-6325, <http://www.dzogchen.org/cambridge>.

Episcopal Divinity School
“Introductory Meditation Classes: Finding Peace in a Busy World.”
Introduction to basic Buddhist philosophy and meditation. Each class includes a brief talk, guided meditation, and time for questions. Taught by Gen Kelsang Choma, American Kadampa Buddhist nun, resident teacher of Serlingpa Meditation Center. Burnham Chapel, Episcopal Divinity School, 99 Brattle St., 10:30 a.m.-noon. \$10 suggested donation. epc@serlingpa.org, <http://www.MeditationinBoston.org>.

First Baptist Church in Newton
848 Beacon St.
Newton Centre, MA 02459
(617) 244-2997
<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 Reformed Presbyterian Church of Cambridge (RPCNA)
53 Antrim St.
Cambridge, MA 02139
(617) 864-3185
<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
<http://www.cambridgepres.com>
Sunday Worship at 10 a.m.
Weekly small group for young adults; pallick@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 (Cambridge Foursquare Church) holds a Sunday evening service at 7 p.m. Westburn Hall, Episcopal Divinity School, 99 Brattle St. (617) 233-9671, <http://gracestreet.org>.

Harvard Buddhist Community Chaplain Lama Migmar offers teachings and meditation sessions at the Sakya Institute for Buddhist Studies, 59 Church St., Unit 3, Harvard Square. (617) 256-3904, <http://www.sakya.net>.
■ Tuesdays, 7:30-9 p.m., “Teaching and meditation session: ‘Abhidharmakosa’ by Vasubandhu”
■ Fridays, 7:30-9 p.m., “Tasting the Mystical Experiences of the Yogis of Tibet”
■ Sundays, 10 a.m.-noon, “Open house and introduction to Buddhism”

Harvard Unitarian Universalist Ministry for Students
Weekly worship: Fridays at 12:15 p.m. The first Friday of the month meet in



June 26-July 20

The A.R.T. presents
‘When it’s Hot, it’s
COLE! A Cole Porter
Cabaret’ Thursday,
June 26-Sunday, July
20, at the Zero Arrow
Theatre Club. See
theater, page 43.

LEFT: Will LeBow
(from left), Karen
MacDonald, Thomas
Derrah, and Remo
Airaldi

Photo by Katalin Mitchell

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, <http://www.hopefellowshipchurch.org>.

Old South Church, United Church of Christ, Congregational
Copley Square, (617) 425-5145, helen@oldsouth.org
■ Sundays: 9 a.m. early service; 11 a.m. sanctuary service with organ and choir
■ Thursdays: Jazz worship service at 6 p.m.

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), <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, <http://www.unitychurchof-god.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 1250 Mass. Ave., next to the cab stand). Senior pastor, Dave Schmelzer. (617) 252-0005, <http://www.cambridgevineyard.org>.

WomenChurch, an imaginative community for women, meets the first Thursday of each month at 7 p.m. in Andover Chapel at HDS on Francis Ave. All women are welcome. E-mail mfurness@hds.harvard.edu for information.

United Ministry
The following churches and organizations are affiliated with the United Ministry and offer worship and social services. Call for details.

Anglican/Episcopal Chaplaincy at Harvard
2 Garden St. (617) 495-4340 episcopal_chaplaincy@harvard.edu
Eucharist Sundays at 5 p.m. at the Christ Church Chapel (behind the church at Zero Garden St.), followed by fellowship supper at 6 p.m. in the Chaplaincy Common Room. Episcopal Students at Harvard: <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, <http://www.ctkcambridge.org>

Harvard Bahá'í Student Association
bahai@hcs.harvard.edu
All events are open to the public. Please write to bahai@hcs.harvard.edu for more information, or subscribe to our announcement list at <http://lists.hcs.harvard.edu/mailman/listinfo/bahai-list>.

Harvard-Epworth United Methodist Church
1555 Massachusetts Ave.
Cambridge, Mass.
(617) 354-0837
<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.

Harvard Islamic Society
Harvard Islamic Society Office. (617) 496-8084
<http://www.digitas.harvard.edu/~his>
Five daily prayers held in the basement of Canada Y.
Friday prayers held in Lowell Lecture Hall at 1:15 p.m.

Harvard Korean Mission meets on Fridays for Bible Study Group at 7 p.m., and on Sundays for ecumenical worship at 2 p.m. in the Harvard-Epworth United Methodist Church, 1555 Massachusetts Ave. (617) 441-5211, rkahng@hds.harvard.edu.

H-R Asian Baptist Student Koinonia
Friday Night Bible study: Boston Hall

105, 7 p.m., every Friday. Join us as we continue our study of the Gospel of Matthew this year.
Frosh Mid-Week at Locker 031, 7:30-8:30 p.m., every Wednesday, Freshmen only.
iskandar@fas.harvard.edu, <http://www.hcs.harvard.edu/~absk>.

H-R Catholic Student Center
Saint Paul Church, 29 Mt. Auburn St.
Student Mass: Sun., 5 p.m., Lower Church.

Harvard Hillel
52 Mt. Auburn St. (617) 495-4696
<http://www.hillel.harvard.edu>
■ Reform Minyan: Friday, 5:30 p.m.
■ Orthodox Minyan: daily, 7:30 a.m. and 15 minutes before sundown; Saturday, 9 a.m. and 1 hour before sundown
■ Conservative Minyan: Monday and Thursday, 8:45 a.m.; Friday, 5:45 p.m.; Saturday, 9:30 a.m., 1:45 p.m., and 45 minutes after sundown.
■ Worship and Study Minyan (Conservative): Saturday, 9:30 a.m.

H-R Humanist Chaplaincy
Monthly Meeting: One Sunday of every month, Hall A, Science Center, 1 Oxford St., 2 p.m. (617) 495-5529.

Cambridge Friends Meeting meets for worship Sundays at 10:30 a.m. and 5 p.m., Wednesdays at 8:30 a.m., 5 Longfellow Park, off Brattle St. (617) 876-6883.

Cambridgeport Baptist Church (corner of Magazine St. and Putnam Ave., 10-minute walk from Central Square T stop)
Sunday morning worship service at 10 a.m. Home fellowships meet throughout the week. (617) 576-6779, <http://www.cambridgeportbaptist.org>.

First Church in Cambridge (United Church of Christ) holds a traditional worship service Sundays at 11 a.m. and an alter native jazz service Sunday afternoons at 5:30 p.m. Located at 11 Garden St. (617) 547-2724.

Lutheran — University Lutheran Church, 66 Winthrop St., at the corner of Dunster and Winthrop streets, holds Sunday worship at 10 a.m. through Labor Day weekend and 9 and 11 a.m. Sept. 10-May, with child care provided. UniLu Shelter: (617) 547-2841. Church and Student Center: (617) 876-3256, <http://www.unilu.org>.

Old Cambridge Baptist Church, 1151 Mass. Ave. and 400 Harvard St. (behind the Barker Center and the Inn at Harvard), holds Sunday morning worship at 10:30 a.m. Please join this inclusive, progressive congregation in the American Baptist tradition.

<http://www.oldcambridgebaptist.org>, (617) 864-8068.

Swedenborg Chapel: Church of the New Jerusalem
(617) 864-4552, <http://swedenborgchapel.org/>
Located at the corner of Quincy St. and Kirkland St.
■ Bible Study, Sundays at 10 a.m.
■ Services, Sundays at 11 a.m.
■ Community Dinner, Thursdays at 6 p.m.
■ Swedenborg Reading Group, Thursdays at 7 p.m.

Cambridgeport Baptist Church, (617) 576-6779
Christ Church, (617) 876-0200
Episcopal Chaplaincy, (617) 495-4340
First Parish in Cambridge, Unitarian Universalist, (617) 495-2727
Harvard-Epworth United Methodist Church, (617) 354-0837
Old Cambridge Baptist Church, (617) 864-8068
St. Paul Church, (617) 491-8400
Swedenborg Chapel, (617) 864-4552
The Memorial Church, (617) 495-5508

support/social

Support and Social groups are listed as space permits.

The **Berkman Center for Internet and Society Thursday Meetings @ Berman**, a group of blogging enthusiasts and people interested in Internet technology, meets at the Berkman Center on the second floor of 23 Everett St., Cambridge, on Thursday evenings at 7 p.m. People of all experience levels and those who would like to learn more about weblogs, XML feeds, aggregators, wikis, and related technology and their impact on society are welcome. <http://blogs.law.harvard.edu/thursdaymeetings/>.

The **COACH Program** seeks Harvard college and graduate students to serve as “college coaches” in the Boston Public Schools to assist young people in applying to college and developing plans for after high school. COACH is looking for applicants interested in spending about three hours per week working with high school juniors and seniors in West Roxbury. Interested students should call (917) 257-6876 or e-mail asamuels@law.harvard.edu.

Computer Clubhouse Mentor Opportunities is an international network of after-school learning centers where young people from low-income communities work on projects based on their own interests. Working closely with adult mentors, young people use

(Continued on next page)



Through Sept. 29

‘A Concrete Symbol: The Building of Harvard Business School, 1908-1927’ looks back at the process behind the planning and building of the Business School campus. The exhibit is on view at Baker Library through Sept. 29 and is also online at <http://www.library.hbs.edu/hc/buildinghbs>. See exhibitions, page 44.

LEFT: View of construction, November 3, 1926.

HBS Archives Photograph Collection, Baker Library Historical Collections

(Continued from previous page) professional software to create art work, animations, music, and robotic constructions. 2mentor@media.mit.edu, <http://ilk.media.mit.edu/mentor>.

Crimson Toastmaster Club helps you improve your public speaking skills. Meetings are Mondays, 1:15-2:15 p.m. at 124 Mt. Auburn St. (617) 495-2912, lwelch@uh.harvard.edu.

Harvard’s EAP (Employee Assistance Program) provides free, confidential assessment and referral services and short-term counseling to help you work through life’s challenges. Harvard faculty, staff, retirees, and their household members can access the following services throughout the U.S. and Canada 24 hours a day, 7 days a week: confidential assessment, information, referral; consultation to supervisors around employee well-being, behavior, or performance; individual and group support around a workplace crisis, serious illness, or death; and on-site seminars. In addition, Harvard’s EAP can help with workplace conflicts, personal and family relationships, eldercare planning, legal consultations, financial counseling and planning, sexual harassment, workplace and domestic violence, alcohol and drug use, and more. To schedule an appointment near your office or home, call the EAP’s toll-free number at **1-EAP-HARV (1-877-327-4278)**. Counselors are available to answer your calls from 8:30 a.m. to 7 p.m. Monday through Thursday, and from 8:30 a.m. to 5 p.m. on Friday; urgent calls will be answered by crisis clinicians round the clock. You may also visit <http://www.wellnessworklife.com> for further information and access to other resources available to you as a Harvard employee (there is a one-time confidential registration process; please visit <http://www.harvie.harvard.edu> for login instructions).

Harvard Lesbian/Bisexual/Transgender/Queer Women’s Lunch is a chance for lesbian/bi/trans/queer women staff and faculty at Harvard to meet informally for lunch and conversation. Meetings take place 12:30-1:30 p.m. outside Dudley House if the weather is good or there will be a sign on the front door of Dudley House listing the meeting location in case of

rain. You can bring lunch or buy at Aubon Pain across the street. E-mail ochs@fas.harvard.edu, dmorley@fas.harvard.edu, or linda_schneider@harvard.edu for more information.

■ **Next meetings: June 11, July 9, Aug. 4**

Harvard Lesbian, Gay, Bisexual & Transgender Faculty & Staff Group. (617) 495-8476, ochs@fas.harvard.edu, <http://www.hglc.org/resources/faculty-staff.html>.

Harvard Student Resources, a division of Harvard Student Agencies, employs a work force of more than 300 students to provide temporary clerical work, housecleaning, tutoring, research, moving, and other help at reasonable rates. **HSA Cleaners**, the student-run dry cleaning division of Harvard Student Agencies, offers 15 percent off cleaning and alterations for Harvard employees. (617) 495-3033, <http://www.hsa.net>.

Harvard Student Spouses and Partners Association Social Group is a social group where you can come and meet other spouses, ask questions, and get used to your situation as a spouse or partner at Harvard. Our support group meets each week on Fridays from 3-5 p.m. Please check <http://www.hsspa.harvard.edu> for location and time changes. hio_hsspa@harvard.edu.

The Harvard Trademark Program has redesigned its Web site to better meet the needs of the public and members of the Harvard community who are seeking information about the Harvard Trademark Program’s licensing activities and trademark protection efforts as well as information regarding the various policies governing the proper use of Harvard’s name and insignias. trademark_program@harvard.edu, <http://www.trademark.harvard.edu>.

Harvard Veterans Alumni Organization is open to all members of the Harvard University community who are, or have served, in the U.S. military. Visit <http://www.harvardveterans.org> for information and to participate.

LifeRaft is an ongoing drop-in support group where people can talk about

their own or others’ life-threatening illness, or about their grief and bereavement. Life Raft is open to anyone connected with the Harvard Community: students, faculty, staff, retirees, and families. Life Raft is free and confidential and meets on Wednesdays, noon-2 p.m. in the Board of Ministry Conference Room on the ground floor of the Memorial Church. Come for 10 minutes or 2 hours. (617) 495-2042, bjlmore@uhs.harvard.edu.

Office of Work/Life Resources offers a variety of programs and classes. (617) 495-4100, worklife@harvard.edu, <http://harvie.harvard.edu/workandlife>. See classes for related programs.

■ **Parent-to-Parent Adoption Network at Harvard.** If you would like to volunteer as a resource, or if you would like to speak to an adoptive parent to gather information, call (617) 495-4100. All inquiries are confidential.

On Harvard Time is Harvard’s new, weekly 7-minute news show that will cover current news from a Harvard perspective. Online at <http://www.hrtv.org>, 7 p.m. on harvardtime@gmail.com.

Recycling Information Hotline: The Facilities Maintenance Department (FMD) has activated a phone line to provide recycling information to University members. (617) 495-3042.

Smart Recovery is a discussion group for people with problems with addiction. Programs are offered at Mt. Auburn Hospital, Massachusetts General Hospital, McLean Hospital, and other locations. (781) 891-7574.

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

The University Ombudsman Office is an independent resource for problem resolution. An ombudsman is *confidential, independent, and neutral*. The ombudsman can provide confidential and informal assistance to faculty, fellows, staff, students, and retirees to resolve concerns related to their work-

place and learning environments. A visitor can discuss issues and concerns with the ombudsman without committing to further disclosure or any formal resolution. Typical issues include disrespectful or inappropriate behavior, faculty/student relations, misuse of power or unfair treatment, authorship or credit dispute, sexual harassment or discrimination, stressful work conditions, career advancement, overwork, disability, or illness. The office is located in Holyoke Center, Suite 748. (617) 495-7748, <http://www.university-ombudsman.harvard.edu>.

Women’s Lives Reading Group meets once a month to discuss a novel or a biography. Women in the group use their lives to better understand the women they read about, and use the book’s characters to spark discussions about their own lives as women. anne@wjh.harvard.edu.

studies

Studies are listed as space permits. **A.D.D. Study:** Researchers seek teenagers (accompanied by a parent) to validate computer-based tests for an attention-deficit/hyperactivity disorder research study. Free evaluation. Compensation of \$100. Weekend appointments. (617) 855-2973.

Amenorrhea Study: Researchers seek women ages 18-35 with amenorrhea (lack of menstrual cycles) for a 36-week treatment study (four overnight stays, six outpatient visits, screening, and follow-up). Leptin treatment (investigational medicine) may restore menstrual cycles and improve bone density. Free hormones tests and bone density measurements. Compensation up to \$1,800 and free parking. (617) 667-8629, karampat@bidmc.harvard.edu.

Cocaine Usage Study: Researchers seek healthy men ages 21-35 who have used cocaine occasionally for a two-visit research study. Participants will be administered cocaine and either flutamide or premarin and undergo an MRI and blood sampling. \$425 compensation upon completion. Taxi is provided. (617) 855-2883, (617) 855-3293. Responses are confidential.

Coffee Study: Researchers seek men and women who are overweight, ages 18 and older, nonsmokers, and coffee drinkers to investigate the effects of coffee consumption on blood sugar levels. \$200 compensation. (857) 453-0191, nwedick@bidmc.harvard.edu.

Diabetic Neuropathy Study: Researchers seek men and women ages 18 and older who have pain from diabetes. Qualified participants will be enrolled in a research study of an investigational medication. The study requires eight outpatient hospital visits over 21 weeks. (617) 525-PAIN(7246), PainTrials@partners.org.

Health Anxiety Study: Researchers seek participants for a treatment study for health anxiety and hypochondriasis. Consists of 24-week counseling and/or medication treatment for people who worry a lot about their health; whose physical symptoms seem to control their lives; or whose physical symptoms haven’t gone away with medical treatment. Compensation up to \$550 for six study visits. (617) 732-5969, HealthStudy@partners.org.

Lifestyle and Fertility Study: Researchers seek women ages 20-34 who are planning their first pregnancy, and their male partners, to participate in a lifestyle and fertility study. Eligible couples with no known history of infertility will be asked to provide a urine and blood sample and fill out questionnaires. Participation involves one initial visit and follow-up until couple is pregnant or six months have passed. Compensation up to \$185, free pregnancy tests, diet assessment, and cholesterol reading will be provided. (781) 434-6556, IsisFertility@dartmouth.edu.

Overweight Women Study: Researchers seek healthy women ages 22-65 who are 15-25 pounds overweight to examine the effects of a medication on body weight and hunger. This medication is FDA-approved for use in people with type 2 diabetes. Must not have diabetes or heart disease, and must not have had surgery for obesity. Involves 19 outpatient visits over 35 weeks. Compensation and parking provided. (617) 667-0362, ggopalak@bidmc.harvard.edu (quote study 185).

Opportunities



Job listings posted as of June 5, 2008

Harvard is not a single place, but a large and varied community. It is comprised of many different schools, departments and offices, each with its own mission, character and environment. Harvard is also an employer of varied locations.

Harvard is strongly committed to its policy of equal opportunity and affirmative action. Employment and advancement are based on merit and ability without regard to race, color, creed, sex, sexual orientation, disability, national origin or status as a disabled or Vietnam-era veteran.

How to Apply:
To apply for an advertised position and/or for more information on these and other listings, please visit our Web site at <http://www.employment.harvard.edu> to upload your resume and cover letter.

Explanation of Job Grades:
Most positions at Harvard are assigned to a job grade (listed below with each posting) based on a number of factors including the position's duties and responsibilities as well as required skills and knowledge.

The salary ranges for each job grade are available at <http://www.employment.harvard.edu>. Target hiring rates will fall within these ranges. These salary ranges are for full-time positions and are adjusted for part-time positions. Services & Trades positions are not assigned grade levels. The relevant union contract determines salary levels for these positions.

Other Opportunities:
All non-faculty job openings currently available at the University are listed on the Web at <http://www.employment.harvard.edu>.

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.

Alumni Affairs and Development
Assistant Director Req. 34048, Gr. 057
Alumni Affairs and Development/Harvard College Fund
FT (6/5/2008)
Associate Director Req. 34047, Gr. 058
Alumni Affairs and Development/Harvard College Fund
FT, SIC, (6/5/2008)
Assistant Director, Gifts and Funds Specialist Req. 34013, Gr. 057
Alumni Affairs and Development/University Donor Relations
FT (6/5/2008)
Executive Director, University Capital Campaign Req. 33863, Gr. 062
Alumni Affairs and Development/Alumni Affairs and Development
FT, SIC, (5/15/2008)
Regional Director Req. 33998, Gr. 058
Alumni Affairs and Development/FAS Capital Giving
FT (5/29/2008)
Director, Board Services Req. 33959, Gr. 059
Alumni Affairs and Development/Harvard Alumni Association
FT (5/29/2008)
Senior Campaign Advisor Req. 34021, Gr. 063
Alumni Affairs and Development
FT, SIC, (6/5/2008)

Communications
Assistant Director, Alumni Marketing and Communications (Development Writer) Req. 34051, Gr. 057
Harvard Business School/External Relations
FT (6/5/2008)
Associate Director, University Development Communications for Science Req. 33958, Gr. 058
Alumni Affairs and Development/Communications
FT (5/29/2008)
Communications and Change Management Lead Req. 33963, Gr. 059
Financial Administration/Systems Solutions
FT (5/29/2008)

Dining & Hospitality Services
General Manager Req. 34008, Gr. 058
Dining Services
FT (6/5/2008)
Facilities
HVAC Mechanic Sprinklerfitter Req. 34032, Gr. 029
University Operations Services/UOS-FMO
Union: ATC/IUOE Local 877, FT (6/5/2008)
Area Manager Req. 33946, Gr. 057
University Administration/Harvard Real Estate Services
FT (5/22/2008)

Faculty & Student Services
Assistant Director, MBA Admissions Req. 33914, Gr. 058
Harvard Business School/MBA Admissions
FT (5/22/2008)
Clinical Instructor Req. 33974, Gr. 058
Harvard Law School/Harvard Legal Aid Bureau
FT (5/29/2008)
Assistant Director of Student Activities Req. 33941, Gr. 057
Harvard Law School/Dean of Students
FT (5/22/2008)
Human Resource and Financial Aid Officer Req. 33940, Gr. 056
Faculty of Arts and Sciences/College Admissions & Financial Aid
FT (5/22/2008)

Assistant Dean of Harvard College (Assistant Dean of First-Year Advising) Req. 34050, Gr. 058
Faculty of Arts and Sciences/Advising Programs
FT (6/5/2008)
Associate Director of Admissions Req. 34046, Gr. 058
Harvard Divinity School/Student Services
FT (6/5/2008)
Director of Admissions Req. 34045, Gr. 059
Harvard Divinity School/Student Services
FT (6/5/2008)
Admissions Officer Req. 34029, Gr. 055
Faculty of Arts and Sciences/Admissions & Financial Aid
FT (6/5/2008)
Admissions Officer Req. 34030, Gr. 055
Faculty of Arts and Sciences/Admissions & Financial Aid
FT (6/5/2008)

Finance
Senior Manager, Property and Casualty Insurance Req. 34044, Gr. 059
Financial Administration/Insurance
FT (6/5/2008)
Senior Financial Analyst Req. 33910, Gr. 057
Financial Administration/OSP
FT (5/22/2008)
Director of Risk Strategy and Insurance Req. 34006, Gr. 061
Financial Administration/RMAS
FT (6/5/2008)
Auditor Req. 33891, Gr. 057
Financial Administration/Risk Management & Audit Services
FT (5/22/2008)

General Administration
Administrative Coordinator and Assistant to the Director Req. 33999, Gr. 054
Faculty of Arts and Sciences/Humanities Center
Union: HUCTW, FT (5/29/2008)
Institutional Research Director Req. 33967, Gr. 060
University Administration/Office of President
FT (5/29/2008)
Director of Administration Req. 33981, Gr. 059
Faculty of Arts and Sciences/Visual & Environmental Studies and Carpenter Center
FT, SIC, (5/29/2008)
Assistant Director, Development Req. 34052, Gr. 056
Harvard Business School/External Relations
FT (6/5/2008)
Program in Neuroscience Administrator Req. 33912, Gr. 055
Harvard Medical School/Neurobiology
PT (5/22/2008)
Associate Director, Research Staff Services Req. 33896, Gr. 058
Harvard Business School/Division of Research and Faculty Development
FT (5/22/2008)
Project Manager Req. 34016, Gr. 057
University Administration/Faculty Development and Diversity
FT (6/5/2008)
Undergraduate Curriculum Development Manager Req. 33938, Gr. 057
Faculty of Arts and Sciences/SCRB
FT (5/22/2008)
Associate Director Req. 33948, Gr. 058
Harvard School of Public Health/Student Financial Services
FT (5/22/2008)
Human Resources Coordinator Req. 34004, Gr. 055
School of Engineering & Applied Sciences/Human Resources
Union: HUCTW, FT (5/29/2008)
Director of Affirmative Action Compliance Req. 33929, Gr. 059
University Administration/Office of the President
FT (5/22/2008)

Administrative Manager Req. 33866, Gr. 057
Harvard Medical School/CTSC
FT (5/15/2008)
Associate Dean for Administration for the Social Sciences Req. 33921, Gr. 062
Faculty of Arts and Sciences/Social Sciences Division
FT (5/22/2008)
Sr. Manager, Strategic Planning and Special Projects Req. 33957, Gr. 059
Financial Administration/Office of Sponsored Programs
FT, SIC, (5/29/2008)
Assistant to the Dean Req. 33871, Gr. 055
Harvard Medical School/Harvard School of Dental Medicine - Office of the Dean
FT (5/15/2008)
Office for Scholarly Communication Program Manager Req. 34007, Gr. 058
Harvard University Library
FT (6/5/2008)

Health Care
Social Worker-Case Manager Req. 34025, Gr. 057
University Health Services/Mental Health
FT (6/5/2008)
Head Athletic Trainer Req. 33874, Gr. 058
Faculty of Arts and Sciences/Athletics
FT (5/15/2008)

Human Resources
Human Resources Officer Req. 33926, Gr. 056
Art Museums/Human Resources
FT (5/22/2008)
Director Req. 34041, Gr. 060
Art Museums/Human Resources
FT (6/5/2008)
Human Resource Officer Req. 33939, Gr. 056
Faculty of Arts and Sciences/FAS Human Resources
FT (5/22/2008)
Associate Director of Human Resources and Employment Req. 33985, Gr. 059
Harvard Medical School/Office of Human Resources
FT (5/29/2008)

Information Technology
Technology, Data, and Assessment Administrator Req. 33935, Gr. 057
Faculty of Arts and Sciences/FAS: Office of Career Services
FT (5/22/2008)
Software Engineer Req. 33933, Gr. 057
Faculty of Arts and Sciences/FAS IT
FT (5/22/2008)
Junior Software Engineer Req. 33969, Gr. 055
Harvard Law School/Berkman Center for Internet and Society
FT (5/29/2008)
Research Computing Associate Req. 34031, Gr. 058
Faculty of Arts and Sciences/FAS IT
FT (6/5/2008)
Project Manager Req. 33979, Gr. 058
Harvard Business School/Information Technology Group
FT (5/29/2008)
User Support & Security Specialist Req. 33895, Gr. 056
Alumni Affairs and Development/Alumni Affairs and Development, CAADS
FT (5/22/2008)
Technical Support & Presentation Services Specialist Req. 33925, Gr. 055
Graduate School of Design/User Services, Computer Resources
FT (5/22/2008)
Computer Security and Documentation Analyst Req. 33953, Gr. 057
Faculty of Arts and Sciences/FAS IT
FT (5/22/2008)
Program Director Req. 33992, Gr. 060
Financial Administration/FAD Systems Solutions

Research Technical Analyst (Bio-Behavioral Laboratory for Decision Research) Req. 34033, Gr. 057
JFK School of Government/CPL
FT (6/5/2008)
Senior Multimedia Engineer Req. 34001, Gr. 058
Harvard Business School/Information Technology
FT (5/29/2008)
Digital Library Software Engineer Req. 33956, Gr. 057
Harvard University Library/Office of Information Systems
FT (5/29/2008)

Library
Digital Processing Librarian Req. 34034, Gr. 056
Harvard University Library/Open Collections Program
FT (6/5/2008)

Museum
Assistant Museum Registrar and Manager, University Loan Collections (Collections Registrar/Loans) Req. 33955, Gr. 056
Art Museums/Collections Management
FT (5/22/2008)

Research
Research Associate Req. 33884, Gr. 055
Harvard Business School/Division of Research & Faculty Development
(5/15/2008)
Research Manager Req. 33952, Gr. 055
JFK School of Government/Center for International Development
FT, SIC, (5/22/2008)
Research Associate Req. 33883, Gr. 056
Harvard Business School/Division of Research & Faculty Development
PT (5/15/2008)
Research Assistant I Req. 33945, Gr. 052
Harvard School of Public Health/Environmental and Occupational Medicine and Epidemiology
Union: HUCTW, FT (5/22/2008)
Research Associate Req. 34012, Gr. 055
Harvard Business School/Division of Research & Faculty Development
PT (6/5/2008)
Research Associate Req. 33888, Gr. 055
Harvard Business School/Division of Research & Faculty Development
FT (5/15/2008)
Research Associate Req. 34022, Gr. 055
Harvard Business School/Division of Research & Faculty Development
PT (6/5/2008)
Research Associate Req. 33882, Gr. 056
Harvard Business School/Division of Research & Faculty Development
PT (5/15/2008)
Director of Media Research Req. 33954, Gr. 058
Harvard School of Public Health/Center for Health Communications
FT (5/22/2008)

Technical
Construction Safety Officer Req. 33966, Gr. 057
University Operations Services/Environmental Health & Safety
FT (5/29/2008)
Managing Director, Anatomical Gift Program Req. 33862, Gr. 058
Harvard Medical School/Operations
FT (5/15/2008)
Biological/Advance Imaging Scientist Req. 33909, Gr. 056
Faculty of Arts and Sciences/Center for Nanoscale Systems
FT (5/22/2008)

University-wide career forum, workshops set for June 10

Employment Services, collaborating with a University-wide organizing committee, is hosting its 10th annual career forum on June 10. The event will be held at the Graduate School of Design's Gund Hall, 48 Quincy St. It will be open to the public from 4 to 6:30 p.m.

The career forum will open one hour earlier (at 3 p.m.) to internal candidates presenting a valid Harvard ID. Employees and recently laid-off employees will be able to receive individual attention from hiring

representatives at this time. In addition to the exhibition area where job seekers will be able to meet with representatives from the participating Schools and units, this year's forum will also feature the job search workshops "Harvard Employment Web Site Search Tips" and "Standing Out to an Outstanding Employer" as well as "Express Resume Review" and a variety of other job search resources. Over the past nine years, the Harvard Ca-

reer Forum has established itself as a flagship event demonstrating Harvard's ongoing commitment to addressing the employment needs of the University community. In addition to valuable job search tools and resources, it provides the opportunity for job seekers to learn more about specific openings across campus and the many benefits that come with working at Harvard. For more information about this event, visit <http://www.employment.harvard.edu>.

CES announces student grant recipients

Continuing its tradition of promoting and funding student research on Europe, the Minda de Gunzburg Center for European Studies (CES) has announced its selection of nearly 50 undergraduates for thesis research grants and internships in Europe this summer. Additionally, almost two dozen graduate students have been awarded support for their dissertations over the coming year. Undergraduate senior thesis travel grants fund summer research in Europe for juniors in the Harvard Faculty of Arts and Sciences preparing senior theses on political, historical, economic, social, cultural, and intellectual trends in modern or contemporary Europe.

A list of the recipients, including their concentration and research, follows: **Pierpaolo Barbieri**, "La Guerra Civil, La Guerra Financiera — Economic and Financial Determinants of the Spanish Civil War"; **John Dillon**, "Digging — An Insight into the Irish-Language Influences of Seamus Heaney's Poetry"; **Claire Guehenno**, "French *laïcité* in the Context of the European Union and European Identity"; **Anna Kendrick**, "National Identity and Cultural Marginality: Migration in Contemporary Spanish Literature"; **Audrey Kim**, "Much Ado About Empire: Japan's Entrance into Global Capital Markets (1904-1920)"; **Leandra King**, "Racial Fragmentation and desire for Redistribution in French Suburbs"; **Paul Jeffrey Leopando**, "Ethnographic Research on Global Environmentalism in the Findhorn Ecovillage in Northern Scotland"; **Kelley McKinney**, "The Impact of the Industrial Revolution and Scientific Discovery on the Body in the 19th Century Novel"; **Christopher Miller**, "The Overend Crisis and the Lender of Last Resort: A Study in 19th Century Financial Liberalism"; **Leslie E. Nightingale**, "Correlations Between Education and Prostitution in Victorian England"; **Victoria Phan**, "European Integration and Compliance: The Conflict Between National and EU Law"; **Rachel Pollack**, "Une Revolution Culturelle: Maoist Intellectuals in Post-'68 France"; **Juliet Samuel**, "An Investigation into the Social/Cultural Impact of Factory Work Among French-Algerian Immigrants"; **Jan Straka**, "The Relationship Between Charter 77 and Ecological and Pacifist Movements in 1980's Czechoslovakia"; **Giuliana Vetrano**, "The Gilded Belle Epoque: Bourgeois Americans in France and Transnational Culture (1870-1914)"; **Anna Whittington**, "From One Adopted Heimat to Another: German Emigration from the Soviet Union to Germany"; **Emma Winer**, "Archival Research on World War I Memory in Anglo-Irish Literature and Film"; **Susan Yao**, "The Effects of Affirmative Action Policies on Individual Students in French

Schools"; and **Olga Zhulina**, "Russian Immigrant Periodicals in Paris of 1930 as Vehicles of Franco-Russian Bilingual Literature." CES is sponsoring the following undergraduates to take part in summer internship opportunities. Alumni at the Harvard Club of the United Kingdom have worked with CES to provide opportunities in business, philanthropy, political analysis, marketing, media/publishing, research, and consulting. In France, students gain publishing and legal experience; in Poland and Bulgaria, students have the chance to teach through the WorldTeach summer program; and in Spain, to learn about international education. **Ingrid Akerlind** '10, Pell Frischmann Consulting, London; **Sophie Alexander** '10, WorldTeach, Poland; **Matthew Basciotta** '09, WorldTeach, Poland; **Courtney Blair** '10, Exclusive Analysis, London; **Katerina Botchkina** '09, King's College, Cambridge (United Kingdom); **Ellen Bryson** '11, WorldTeach, Poland; **Rebecca Cooper** '10, International Herald Tribune, Paris; **Michelle Cronin** '09, International Herald Tribune, Paris; **Michela DeSantis** '10, Value Retail, Oxford, **Kelly Gu** '10, Exclusive Analysis, London; **Kate Harris** '10, Parliament, MP Howarth, London; **Antonio Hernandez** '10, Slingshot Studios, London; **Kavita Kannan** '09, Liverpool Philharmonic Orchestra (U.K.); **Hunter Landerholm** '09, Corrour Estate, Scotland; **James Larkin** '10, Parliament, MP Miliband, London; **Alex Lavoie** '10, New Energy Finance, London; **Holly Metter** '09, Corrour Estate, London; **Gillian Morris** '09, Suffolk University, Madrid; **Prathama Nabi** '11, WorldTeach, Bulgaria; **Andrea Peterson** '09, Durham University, Department of Physics, IPPP (U.K.); **Rachel Pollack** '09, Shearman & Sterling LLP, Paris; **Nadim Rabaia** '10, Exclusive Analysis, London; **Tejas Sathian** '10, Exclusive Analysis, London; **Linnea Sundberg** '09, Exclusive Analysis and Arcadia, London; **Rui Wang** '11, WorldTeach, Poland; **Sarah Wang** '10, Comac Capital, London; **Yifan Zhang** '10, Exclusive Analysis, London Graduate summer travel grants fund summer research in Europe for doctoral students writing dissertations on political, historical, economic, social, cultural, and intellectual trends in modern or contemporary Europe. The recipients are as follows: **Jovonne Bickerstaff**, "Noir and Francois: Everyday Anti-Racism and the Multiplicity of French Identity" **Oana M. Dan**, "United in Diversity? The Meaning and Implications of European Union Citizenship" **Heidi J. Evans**, "The Production of News: News Agencies in the 19th and Early 20th Centuries"

Kristin E. Fabbe, "Religion-State Relations and State Formation in the Former Ottoman World: A Critical Case Study in Cyprus" **Garner Gollatz**, "Pilgrimage, Healing, and Authority at Lourdes, France" **Daniela K. Helbig**, "Up In The Air: Aviation in France between the World Wars" **Megan R. Luke**, "Merz in Exile: The Late Style of Kurt Schwitters, 1930-1948" **Ward Penfold**, "Jurisprudencia Est Vera Philosophia: Adventures in Trans-Atlantic Private Law from the Historical School to the Social Critique" **Tristan M. Stein**, "The Mediterranean and the English Empire of Trade: 1660-1720"

Graduate dissertation research fellowships fund graduate students who plan to spend up to a year in Europe conducting dissertation research. The recipients are as follows: **Azra Aksamija**, "Our Mosques Are Us: Rewriting National History of Bosnia-Herzegovina through Religious Architecture" **Ellen E. Exner**, "Frederick the Great and the Creation of Music for Berlin (1734-1756)" **Stefan J. Link**, "International Fordism — 'Mass-Producerism' and the Management of Economic Crisis in Germany and the USA, 1929-39" **Jennifer S. Mack**, "Pitches and Practices: Soccer, Space and Citizenship in Suburban Sweden" **John Mathew**, "To Fashion a Fauna for French and British India" **Vanessa Ogle**, "Empires of Time: Global Histories of Clock Times and Calendars Around 1900" **George Soroka**, "Governing in Whose Interest? Political Attitudes, Representation and Post-Communist Elite Discourse" **Lanka Tattersall**, "A Stitch in Time: Sophie Taeuber-Arp and the Politics of Abstraction" **Matthew C. Underwood**, "Ordering Knowledge, Re-Ordering Empire: Science and the Emergence of the Commercial-Imperial State" **Shirley Ye**, "Business, Water, and the Global City: Hanseatic and Chinese Merchant Networks, 1829-1940" Graduate dissertation writing fellowships are intended to support doctoral candidates as they complete their dissertations. The award allows students to spend a final year dedicated to writing. The fellows follow: **Laurie McIntosh**, "Impossible Presence: The Cultural Politics of Integration, Citizenship and Natural Belonging in Contemporary Norway" **Sean McGraw**, "Managing Change: Party Politics in the New Ireland"

NEWSMAKERS

HBS's Thomas McCraw receives Hagley book prize **Thomas McCraw**, the Isidor Straus Professor of Business History *Emeritus* at Harvard Business School, has received the Hagley Prize in Business History for his book "Prophet of Innovation: Joseph Schumpeter and Creative Destruction" (Belknap Press, 2007). The Hagley Prize is awarded annually by the Business History Conference (BHC) for the best book in business history.

Zhang awarded prestigious Merck Award **Yun Zhang**, an assistant professor of biology in the Department of Organismic and Evolutionary Biology and the Center for Brain Science, was recently awarded a John Merck Scholar Award for her research aimed at understanding learning and the pathology of neurological defects. The John Merck Award, which includes a prize in the amount of \$300,000 to support research, is one of the most prestigious awards given to young scientists. One of two neuroscientists nationwide to have been named a winner for 2008, Zhang (and her lab group) is using a model organism, *C. elegans*, to characterize the functional organization of neural circuits underlying learning.

— Compiled by Andrew Brooks
Send Newsmakers to
andrew_brooks@harvard.edu

IN BRIEF

Harvard LGBT reunion event set for September "From the Closet to a Place at the Table: Celebrating 25 Years of the Harvard Gay & Lesbian Caucus" — the first-ever, all-school, all-class reunion weekend for lesbian, gay, bisexual, and transgender (LGBT) alumni/ae, faculty, staff, and students — will be held Sept. 26-28. Co-sponsored by the Harvard Alumni Association, the three-day reunion will include symposia, parties, and social events to celebrate the caucus's 25 years of advocating for Harvard's LGBT community. For more information, visit <http://hglic.org>.

Modern Greek Studies Program offering Ph.D. fellowship The Modern Greek Studies Program of the Department of the Classics of the Graduate School of Arts and Sciences of Harvard University is offering a fellowship to at least one Ph.D. candidate in Modern Greek Studies per year.

The fellowship, which covers tuition as well as living expenses, will be awarded to applicants on the basis of academic merit. Ph.D. students may be admitted primarily to the departments of the Classics or of Comparative Literature, or to any other department of the Graduate School of Arts and Sciences of Harvard University after arrangements with the director of the program. For further information, contact administrator Teresa Wu at ttwu@fas.harvard.edu.

— Compiled by Andrew Brooks
Send news briefs to andrew_brooks@harvard.edu

Students



Staff photos Justin Ide/Harvard News Office
On the grounds of Princess Marina Hospital in Gaborone, Botswana, Nathan Leiby '10 and Baitshepi Jorowe help with the processing of blood samples.

(Continued from page 11)

into action to improve people's lives — in Boston and around the globe.

While the government of Botswana has been among the most aggressive in Africa in attacking the disease, HIV has taken a terrible toll. Life expectancy plummeted through the 1990s, from 64 in 1990 to just 40 in 2002. Campaigns to expand antiretroviral drug treatment appear to be having an effect, however, with life expectancy climbing back up again in recent years. It reached 50 in 2007. HIV prevalence in the nation — one of the world's highest — has fallen from more than one in three adults in 2003 to about one in four in 2005.

Essex said that education and training are a major emphasis of the partnership. The disease is so widespread, he said, that bringing in a new generation of scientists and training health care workers is an important step in fighting it.

"A big part is training people at every level in Botswana and people from the U.S. who go there," Essex said.

Each year, Essex said, the lab hosts a group of undergraduates, as well as two or three medical students and a doctoral student or two. In addition to the work in the laboratory, the students get the experience of living in one of the nations hardest-hit by AIDS, which can't be replicated back home.

"They can't begin to imagine the extent of the AIDS burden without experiencing the situation," Essex said. "You recognize that virtually everybody you talk to has had experience with AIDS. Their parents are dead. Their siblings are being treated. You can learn about specific AIDS patients in [the U.S.], but you can't appreciate the magnitude of the epidemic unless you're there [in Botswana]. You can't read about it in a book."

Ashburn said that she wanted to travel to a developing country and was interested in Africa before she heard about the study abroad opportunity. She shares a room with three other students, from Botswana and Lesotho, at the University of Botswana. She's taking a class in the nation's history as well as a Setswana lan-

guage class, though she says the opportunity to work in Essex's lab is a highlight.

"Lab work is definitely one of my main interests in coming here," Ashburn said. "I've loved it. I definitely know I want to spend time in places like this."

One of the things about the experience that appeals to Bolm is the chance to work on a specific disease in the lab. The study abroad program also gives her a chance to travel overseas without having to take time off from her studies, she said.

"I didn't want to take a semester off, so this opportunity — in an area of the world that interests me — was perfect," Bolm said. "I love Botswana ... working in the lab here is very exciting."

Essex said the research experience is as important for the students as the cultural one. The study abroad program exposes them not just to a nation in the midst of the AIDS pandemic, but also to serious medical research. Together, he said, the program provides an invaluable experience to young people determining their path in life.

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Sarah Ashburn '09 is one of the group of students that the lab hosts each year. In addition to lab work, they get the experience of living in one of the nations hardest hit by AIDS, which can't be replicated back home.



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Ampheletse Medupe (above) benefited from a study conducted by the Botswana-Harvard Partnership. To hear her story and more in multimedia format, visit <http://www.news.harvard.edu/worldmedia/>.

Orators

Latin orator Katherine Douglas Van Schaik (below): ‘Through words in Latin, one can go back 2,000 years.’



English orator Thomas Dichter (left) notes that Commencement is steeped in tradition and history, but it is also a unique moment to look at the future.

Staff photo Matt Craig/Harvard News Office



Staff photo Kris Snibbe/Harvard News Office



Staff photo Matt Craig/Harvard News Office

Graduate orator Anthony C. Woods: ‘This is my opportunity to ... speak my mind.’

(Continued from page 19)

how many of his classmates’ paths he will cross in the future, but that with his four years coming to a close, it’s time to do something else.

Katherine Douglas Van Schaik/Latin Oration
Prodigiosa.

That’s the classical Latin word for “wonderful, miraculous, amazing” — all of which fairly describe Katherine Douglas Van Schaik ’08.

The Adams House senior will deliver the Latin Oration, the highlight of a unique scholarly path that began in girlhood. Van Schaik was 10 when she started studying the melodious ancient tongue, inspired by a teacher who once had a conversation, in Latin, with a Vatican monk.

“It’s a window into an ancient world,” she said, explaining the usefulness of an oration in a language few people speak any more. “It’s a window into a world that transcends the limitations of our own time. Through words in Latin, one can go back 2,000 years ... to the foundations of the world in which we live.”

Latin is also a cool way to turn heads in a restaurant. Once a week this year, Van Schaik and a dozen friends from the Harvard Classical Club met for pizza, conversing in the tongue of Cicero, Virgil, and Livy.

Her oration is a five-minute meditation on the marathon, a race that has ancient roots; local expression (the Boston Marathon is the longest-running annual iteration); and special meaning at Harvard — an academic experience, said Van Schaik, that itself can seem like a marathon.

The 21-year-old from Columbia, S.C. — who finds the time to run five miles a day — has run a good race at Harvard, even in figurative terms. She will walk

away with a Phi Beta Kappa key, a handful of honors (including a Hoopes Prize for her senior thesis), and with highest honors in her concentration, classics.

The slender and shy Van Schaik — whose euphonious name rhymes with “handshake” — also completed the requirements for a secondary field in molecular and cellular biology.

That explains, in part, why she has been accepted at Harvard Medical School, where Van Schaik would like to be the University’s first M.D./Ph.D. student to combine the study of medicine with research on ancient history.

But the Latin orator will take a year off first, to pursue a master’s degree in classical art and archaeology at King’s College, University of London.

Anthony C. Woods/Graduate Oration

Anthony C. Woods first visited the Harvard Kennedy School as a West Point sophomore, on a field trip with the military academy’s political science club. The group toured campus and met with faculty members in a range of fields. From that day forward, Woods said, “I knew I wanted to go to Harvard to further my education.”

Seven years later, Woods has fulfilled that goal, completing the requirements for a master’s degree in public policy. He’s also achieved something he hadn’t even considered as an undergraduate — the opportunity to speak at Commencement.

“I am really excited to be one of this year’s orators,” said Woods, who delivers today’s Graduate Oration. “This is a unique opportunity to share a message that I think is very important.”

Woods, who is a captain in the United States Army, will speak about the Iraq War. He plans to reflect on

his own experience serving in Iraq, which Woods describes as a time when he “grew a lot as a person.”

“I want to speak the truth about what I see as some of the challenges we face,” Woods said. “Not only have American soldiers suffered, but Iraqi civilians are bearing the larger costs of the war. It’s a problem that we have to work together to solve.”

Though the challenges may be great, Woods said, they are not impossible to resolve — and he believes reflecting on the past can provide inspiration for the challenges of today.

“If we look at history, we realize that every generation has had problems that seem insurmountable,” said Woods. “But we have always overcome those problems with ingenuity and creativity, by finding a way to work together.”

Following Commencement, Woods will return to the Army for an additional five years of service. His time at Harvard, he said, has prepared him well for the difficulties that lie ahead.

“Leadership is a primary focus of the Kennedy School curriculum,” said Woods. “I have gained good insight on how to lead communities and organizations, a skill that will be useful in the Middle East and in Iraq as we help communities to get back on their feet and help leaders govern in the fashion that works best for them.”

For now, though, he’s focused squarely on the present.

“This is my opportunity to be a student and to speak my mind as a member of the broader Harvard community,” he said.

Orations reporting by Corydon Ireland (Latin), Alvin Powell (English), and Emily T. Simon (Graduate).