

Harvard University Gazette

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Inside & ONLINE



Wildcats howl

Crimson men's soccer breaks the UNH unbeaten streak in a well-played match-up.

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Fictional Byron

Radcliffe Fellow talks about his ambitious trilogy of novels about Lord Byron.

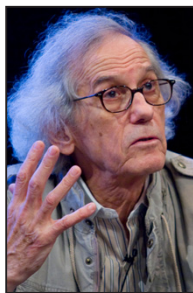
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Education debate

Advisers to the presidential candidates find common ground in education debate.

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Christo's schemes

Artists Jeanne-Claude and Christo win award for negotiation — and share some trade secrets.

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Three Harvard faculty net MacArthur fellowships

By Alvin Powell
Harvard News Office

Three biologists — one current and two future faculty members at Harvard — have won MacArthur Foundation “genius” grants, \$500,000 no-strings-attached awards intended to encourage creativity, originality, and innovation in a broad array of fields.

The winners are Assistant Professor of Neurobiology Rachel Wilson at Harvard Medical School; Susan Mango, who was recently appointed professor

of molecular and cellular biology in the Faculty of Arts and Sciences (FAS); and Kirsten Bomblies, who will be an assistant professor in the Department of Organismic and Evolutionary Biology, also at FAS. Both appointments are effective July 1, 2009. Mango is currently a professor at the University of Utah. Bomblies is currently at the Max Planck Institute for Developmental Biology, in Tubingen, Germany.

“It’s a big shock. Unlike all the other grants and

(See **MacArthurs**, page 8)



Wilson



Mango

Associated Press

Associated Press

Harvard Forest: 3,500 acres, global impact

By Steve Bradt
FAS Communications

Harvard may be rooted in Cambridge, but it has a lot more roots in the small north-central Massachusetts town of Petersham.

That’s where you’ll find the woods, streams, and fields of the Harvard Forest, a 3,500-acre research and teaching facility that’s been part of the University for more than a century. Having been closely monitored since 1907 — and with a provenance dating to a Colonial farm established in the mid 1700s — the history of this tract is likely better-documented than that of any other forest in the United States.

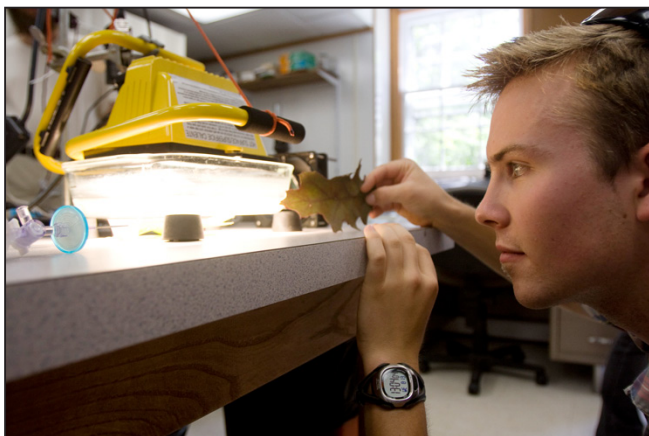
New England’s forests have a centuries-long history of destruction and resurrection, with a landscape that has veered from thickly wooded in the 18th century to mostly farmland in the 19th century and back to substantially wooded today. The much-researched Harvard Forest helps scientists apply the lessons of the region’s forest history to the environmental challenges faced by forests today.

(See **Forest**, page 16)



Kris Snibbe/Harvard News Office

Kris Snibbe/Harvard News Office



College senior James Onstad, who conducted research this summer at the Harvard Forest, checks an experiment measuring the rate of water evaporation from leaves.

This month in
Harvard history

September 1951 — Outside Memorial Hall on registration day, WHRB-Radio conducts a new programming feature: sidewalk interviews of freshmen, who explain why they have come to Harvard and what they think of it.

Sept. 22-24, 1955 — The Law School holds a three-day conference marking the 200th birthday (Sept. 24, 1755) of John Marshall, Chief Justice of the United States from 1801 to 1835.

The conference draws legal scholars and high-ranking jurists from around the world for the presentation of eight papers and several social events crowned by a banquet in Memorial Hall addressed by President Nathan Marsh Pusey and U.S. Chief Justice Earl Warren. At 9:16 p.m. during the banquet, Law School Dean Erwin Griswold announces that Marshall was born 200 years ago to the minute.

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

FACULTY COUNCIL

At its second meeting of the year on Sept. 24, the Faculty Council considered candidates for Parliamentarian for 2008-2009 and heard a proposal from the Standing Committee on Research Policy concerning principal investigators.

The council next meets on Oct. 8. The preliminary deadline for the Oct. 21 Faculty meeting is Oct. 6 at 9:30 a.m.

MEMORIAL SERVICES

Houthakker memorial today

The University community is invited to attend a memorial service at the Memorial Church for Henry Lee Professor of Economics Emeritus Hendrik Houthakker today (Sept. 25). A reception at Loeb House will follow the 2 p.m. service.

Richmond memorial program
scheduled for Oct. 27

A memorial service honoring the life of Julius B. Richmond will be held Oct. 27 at 10 a.m. at the Harvard Club of Boston, 347 Commonwealth Ave. A reception will follow. A former U.S. surgeon general, Richmond held appointments at the Harvard School of Public Health, Harvard Medical School, and the Harvard Kennedy School. He died on July 27.

PRESIDENT’S OFFICE
HOURS 2008-09

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

Thursday, Oct. 16, 4-5 p.m.
Thursday, Nov. 13, 4-5 p.m.
Monday, March 16, 2009, 4-5 p.m.
Thursday, April 23, 2009, 4-5 p.m.

Sign-up begins one hour earlier unless otherwise noted. Individuals are welcome on a first-come, first-served basis. A Harvard ID is required.

POLICE REPORTS

Following are some of the incidents reported to the Harvard University Police Department (HUPD) for the week ending Sept. 22. The official log is located at 1033 Massachusetts Ave., sixth floor, and is available online at www.hupd.harvard.edu.

Sept. 18: Officers were dispatched to Holyoke Center and 60 John F. Kennedy St. on reports of unwanted guests. Officers were dispatched to the Littauer Center to take a report of suspicious activity. An iPod Touch was reported stolen from an unattended backpack in Thayer Hall North. At the Palfrey House, an officer assisted the Cambridge Police Department (CPD) with a motor vehicle that was reportedly broken into. Forty medical vials were reported stolen from the Armenise Building 1. Officers were dispatched to Lehman Hall, where an individual’s stolen bicycle was located, but secured with a different lock. The officers assisted in the return of the bicycle. Police responded to a report of two unwanted guests at the Science Center. The officers spoke to the individuals and after finding no warrants, the individuals were sent on their way. At Quincy House, officers were dispatched to a report of a sus-

picious individual. The suspect was searched, and upon finding a weapon in his possession, the officers placed him under arrest and charged him with trespassing and possession of a dangerous weapon. At the intersection of DeWolfe and Mill streets, officers responded to a report of an individual jumping on motor vehicles. CPD was notified and took over upon arrival.

Sept. 19: An individual was arrested for trespassing at the Taubman Center after officers discovered that he was previously warned. At Emerson Hall, an unattended blue Brooks Brothers blazer was reportedly stolen. Officers were dispatched to the stadium, where a fight was reported to be in progress. After speaking with the individuals, the officers sent them on their way.

Sept. 20: Officers responded to a report of an individual attempting to enter the Longwood Campus Operations building. After speaking with the officers, the individual was sent on their way. At Lowell House, officers removed a group of individuals from the walkway. An officer assisted CPD with a motor vehicle accident on 1 Eliot St. At 285 Harvard St., an officer took a report of fraudulent

charges on a credit card. An officer was dispatched to take a report of harassment at Peabody Terrace.

Sept. 21: Officers were dispatched to a report of an individual screaming. The officers searched the area with negative results. At Hamilton Hall, officers responded to a report of an individual receiving harassing phone calls. On 371 Harvard St., an officer assisted CPD in putting out a working fire.

Sept. 22: At the Peabody Terrace garage, police took a report of a stolen car stereo, subwoofers, and tires. An unattended toaster was reported stolen from Baker Library. In Harkness Commons, an unwanted guest was sent on their way. At 1000 Memorial Drive an officer assisted the Massachusetts State Police with a disabled vehicle. At Morgan Hall, an officer was dispatched to take a report after a mountain bicycle damaged a parking gate. A trespass warning for all of Harvard University property was issued to three individuals who were behaving suspiciously at Westengard House. The individuals were then sent on their way.

Since Sept. 18, there have been six bicycles reported stolen.

Presidential visit



Justin Ide/Harvard News Office

Before delivering a Harvard Kennedy School talk, Michelle Bachelet (from right), president of Chile, chats with Bill Purcell, director of the Institute of Politics at HKS; Merilee Grindle, director of the David Rockefeller Center for Latin American Studies; and Kennedy School Dean David Ellwood.



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Nine Harvard faculty among 47 named Pioneers, Innovators by NIH

By **Alvin Powell**
Harvard News Office

Nine Harvard faculty members are among 47 scientists nationally whose promising and innovative work was recognized Monday (Sept. 22) with the announcement of two grant programs through the National Institutes of Health (NIH).

The grants, expected to total \$138 million over five years for all recipients, recognize established researchers through the Pio-

neer Award and young scientists through the New Innovator Award.

The awards support potentially high-impact research whose approaches have the potential to transform biomedical and behavioral science.

"Nothing is more important to me than stimulating and sustaining deep innovation, especially for early career investigators and despite challenging budgetary times," said NIH Director Elias A. Zerhouni. "These highly creative researchers are tackling im-

portant scientific challenges with bold ideas and inventive technologies that promise to break through barriers and radically shift our understanding."

Zerhouni said the programs are central to NIH's efforts to encourage novel investigator-initiated research and to support more investigators early in their careers.

Pioneer Awards provide \$2.5 million in direct costs to established investigators over five years. The New Innovator Awards provide \$1.5 million for direct costs over five

years to researchers who have not received an NIH regular research grant in the past.

Harvard faculty members who won Pioneer Awards are:

■ Charles M. Lieber, the Mark Hyman Jr. Professor of Chemistry in the Faculty of Arts and Sciences, will develop interfaces between nanoelectronic devices and cells to create new biomaterials and tools for studying the brain. His group's initial focus under

(See **NIH**, next page)



File Justin Ide/Harvard News Office

Physicist Lene Hau's manipulation and controlling of light could be of great importance for next-generation computing and lead to practical applications in optical networks and quantum cryptography.

Hau awarded prestigious Ledlie

Occasional prize goes to one who makes 'the most valuable contribution to science'

By **Michael Patrick Rutter**
SEAS Communications

In early 2007, Lene Hau's "trick of the light," stopping and switching off a light pulse in one part of space and then rekindling it in another location, gave the public and experts alike pause — just enough time to let in wonder.

The media latched on to metaphors, from the sublime ("evokes the magic of carrying moonbeams in a jar") to the poetic ("visions in the dark of light") to the pedestrian ("it's like three-card Monte"). A colleague in physics, John Preskill of the California Institute of Technology, even composed a poem in honor of Hau ("But Lene Hau has built a nest/Where tired light can stop to rest").

The pursuit of such scientific wizardry led the President and Fellows of Harvard College to award Hau, Mallinckrodt Professor of Physics and of Applied Physics, the George Ledlie Prize.

"I am very honored to receive the prize. It is really wonderful to receive this kind of recognition from your home institution," said Hau.

The physicist's fascination with the nature of light resulted in several breakthroughs during the past decade. In 1999, Hau slowed light down to 38 mph, or about the speed of a racing bicycle, by shooting a laser beam through incredibly cold atoms. Two years later she one-upped her own

finding, bringing light to a complete standstill before restarting it and sending it once again on its path.

"The highly original discoveries of Lene and her lab remind all of us who pursue research of those 'ah-ha' moments that led us into the profession in the first place," said Frans Spaepen, interim dean of Harvard's School of Engineering and Applied Sciences (SEAS) and John C. and Helen F. Franklin Professor of Applied Physics. "I hope her success encourages the next generation of innovators to be bold, take risks, and go after the fundamental questions that really inspire them."

As with Hau's latest discovery of exchanging light and matter, the work has life beyond the lab. Manipulating and controlling light could be of great importance for next-generation computing and lead to practical applications in optical networks and quantum cryptography.

"This feat, the sharing around of quantum information in light-form and in not just one but two atom-forms, offers great encouragement to those who hope to develop quantum computers," said Jeremy Bloxham, dean of science in the Faculty of Arts and Sciences.

"Lene's work is path-breaking," added Harvard's Provost Steven E. Hyman. "Her research blurs the boundaries between basic and applied science, draws on the talent and people of two Schools and several departments, and provides a literally glow-

ing example of how taking daring intellectual risks leads to profound rewards."

Hau, a recently elected member of the Royal Swedish Academy of Sciences and a 2001 MacArthur "Genius" Fellow, received her B.S., M.S., and Ph.D. degrees from the University of Aarhus in her home country of Denmark. Her Ph.D. work was in theoretical solid state physics, a field completely different from that of her later work with ultracold atoms.

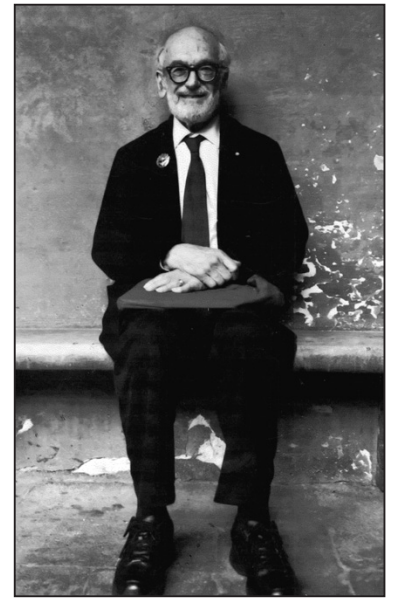
In 1989, she received the prestigious J.C. Jacobsen Anniversary Fellowship, awarded by the Carlsberg Foundation of Denmark. She came to Harvard as a postdoctoral fellow to pursue research with Jene Golovchenko, Rumsford Professor of Physics and Gordon McKay Professor of Applied Physics, who held positions at Harvard and the then-independent (and now FAS-run) Rowland Institute of Science. In 1991 Hau became a member of the scientific staff and was given her own lab at Rowland; eight years later she was appointed as a tenured member of the Harvard faculty.

Hau's current research space, easily recognizable by the 'Day-Glo' orange and yellow colored walls, is located in the Cruft and Lyman Laboratories of SEAS and the Physics Department.

"The experiments we do require an intense focus and often run late into the night," said Hau. "They require teamwork, and it has been a great experience to work

(See **Ledlie**, next page)

NEWSMAKERS



Courtesy of James Ackerman

Historian of Renaissance architecture James S. Ackerman

Ackerman awarded Golden Lion for contributions to architecture

The 2008 Venice Biennale award committee has conferred on **James S. Ackerman**, the Arthur Kingsley Professor of Fine Arts *Emeritus* at Harvard University, its prestigious Golden Lion for Lifetime Achievement. The award citation praised Ackerman's contributions to architecture, calling him "the doyen of the international community of historians of Renaissance architecture," adding, "He is one of the scholars to have created the modern history of architecture, founded on a systematic approach and making use of a critical examination of all written and visual sources."

As an author, Ackerman is perhaps best known for his influential book "Paladio" (1966), which investigates the impact of this historic figure. Ackerman is a member of the British Academy, the Royal Academy of Arts, the Centro Internazionale di Studi di Architettura in Vicenza, and the Ateneo Veneto end of the Accademia di San Luca in Rome.

Pardis Sabeti awarded Packard Fellowship

The David and Lucile Packard Foundation has recently awarded **Pardis Sabeti**, an assistant professor in the Center for Systems Biology at Harvard University, its Packard Fellowship for Science and Engineering. The \$875,000 fellowship will be paid over five years beginning in November. As one of 20 Packard Fellows selected, Sabeti will be invited to an annual conference in September 2009 to meet with other fellows, as well as with the advisory panel and members of the foundation's board of trustees.

— Compiled by Andrew Brooks

Ledlie

(Continued from previous page)

with [the] bright and dedicated young people — students and postdocs — we have here at Harvard.... They keep you on your toes!”

The Ledlie Prize is awarded no more than once every two years to someone affiliated with the University who “since the last awarding of said prize has by research, discovery or otherwise made the most valuable contribution to science, or in any way for the benefit of mankind.”

Read ‘Light and matter united,’

www.news.harvard.edu/gazette/2007/02.08/99-hau.html

Robert B. Woodward, the Morris Loeb Professor of Chemistry, was the first recipient in 1955. Other winners have included Judah Folkman, the Julia Dyckman Andrus Professor of Pediatric Surgery; Douglas Melton, the Thomas Dudley Cabot Professor of the Natural Sciences; Gerald Gabrielse, the George Vasmer Leverett Professor of Physics; and most recently, in 2006, Lakshminarayanan Mahadevan, Lola England de Valpine Professor of Applied Mathematics at SEAS.

NIH

(Continued from previous page)

its Pioneer Award will be on developing new nanoscale electrophysiology tools for measurement of electrical and biochemical signaling in brain tissue and cultured neural networks. These nanoelectronic tools could help in understanding the behavior of cellular networks. Lieber also aims to develop sophisticated cell/tissue interfaces for prosthetics and other medical devices, and to create two- and three-dimensional functional biomaterials capable of processing electronic and biochemical signals.

■ Tom Maniatis, the Jeremy R. Knowles Professor of Molecular and Cellular Biology in the Faculty of Arts and Sciences, studies the basic mechanisms of gene regulation in the brain. His Pioneer Award will support research using stem cells in conjunction with the tools of molecular and cellular biology to examine the genesis of Lou Gehrig’s disease, also known as amyotrophic lateral sclerosis (ALS). Little is known about the causes of this neurodegenerative disease that affects motor neurons. New techniques make it possible to use ordinary skin cells from patients to generate stem cells that can, in turn, give rise to motor neurons. Maniatis and colleagues plan to study patient-derived motor neurons in cultures to gain insights into the origins of ALS, which may lead to the development of new drugs to treat this incurable disease.

■ Hongkun Park, professor of chemistry and of physics in the Faculty of Arts and Sciences, will develop new nano- and microelectronic tools to study the design principles of the brain. Neuronal networks — collections of neurons interconnected by synaptic junctions — form the physical basis of our brains. Over the years, neuroscientists have learned a lot about individual neurons and have studied whole brains using MRI and other imaging techniques. However, the relationship between connectivity among multitudes of neurons and brain function is poorly understood. Park will develop tools that can perturb and record each and every neuron in a slice of functioning brain simultaneously, in real time. These tools will enable scientists to in-

vestigate how synaptic connectivity translates to network function, helping to unravel the design principles of the brain. These tools will also allow cell network-based diagnostics of neurodegenerative diseases.

■ Aravinthan D.T. Samuel, associate professor of physics in the Faculty of Arts and Sciences, will develop new biophysical and imaging techniques to understand the neural basis of behavior in fruit fly, or *Drosophila*, larvae. The project reflects Samuel’s longstanding interest in the molecular and cellular underpinnings of purposeful behavior, dating back to his studies as a Harvard undergraduate and graduate student — with biophysicist Howard C. Berg — of how *E. coli* detects and swims toward food. Samuel’s own lab studies the neural basis of navigational behaviors in the nematode *Caenorhabditis elegans*. With a brain containing some 3,000 neurons, the fruit fly represents a big step up in complexity. Samuel and his colleagues will examine larval behavior using a biophysical approach, building new microscopes to noninvasively measure neural activity in large numbers of neurons of freely moving larvae as they execute their normal behaviors.

■ Ann Hochschild, a professor of microbiology and molecular genetics at Harvard Medical School, will use bacterial systems to study infectious particles called prions, which are behind some of the worst neurodegenerative diseases, including bovine spongiform encephalopathy, known as “mad cow disease,” and its human equivalent, Creutzfeldt-Jakob disease. The ailments are caused when the prion protein goes awry, initiating the formation of self-propagating aggregates within the brain, and causing a fatal collapse of neurological capabilities. Hochschild will look for prions in bacteria, using an *E. coli*-based genetic detection system. Since bacterial systems represent cellular life stripped down to the essentials, *E. coli* would provide a perfect model for studying prion proteins at their most basic level, Hochschild said. “For understanding disease, it’s important to understand the fundamental biology of the system. If prion proteins are found in bacteria, we will undoubtedly learn many rele-

vant things about the underlying biology of prion formation.”

Faculty members receiving New Innovator Awards are:

■ William M. Shih, an assistant professor of biological chemistry and molecular pharmacology at Harvard Medical School and the Dana-Farber Cancer Institute, is working to develop tools for atomic-resolution imaging of membrane proteins to enable structure-based drug design.

■ Amy J. Wagers, an assistant professor of stem cell and regenerative biology in the cross-School Department of Stem Cell and Regenerative Biology and an assistant professor of pathology at Harvard Medical School and the Joslin Diabetes Center, will study the mechanisms by which aging impairs blood cell function and develop strategies to prevent or reverse these age-acquired defects.

■ Sean M. Wu, an instructor in medicine at Harvard Medical School and Massachusetts General Hospital, will employ mechanisms of embryonic development to engineer functional tissues for organ regeneration using pluripotent stem cells from different species.

■ Samara Reck-Peterson, an assistant professor of cell biology at Harvard Medical School, has been awarded an NIH New Innovator Award to get under the hood of molecular motors inside cells and to discover how they perform some of their most basic functions. Cells are hardly the viscous blobs of protoplasm we often imagine they are. If anything, they’re more akin to micro-scaled industrial factories jam-packed with workers and machines, operating with mind-boggling efficiency. Central to these processes are molecular machines, tiny motors that do much of the cell’s heavy lifting.

Reck-Peterson will use the fungus *Aspergillus* as a model organism and focus on two motors called dynein and kinesin, so important that “We would die without them,” according to Reck-Peterson. “But there is still so much we don’t know about them. How do they move? How do they find the right cargo? How do they carry it? How do they get to where they need to go?”

Is it ticklish?

Junseo Kang, 3, looks on as father Jaewook Kang points out a specimen in the Hall of Mammals at the Harvard Museum of Natural History on ‘Community Day at the Museums,’ when University museums open their doors free of charge to the public.



Julie Russell/Office of Community Affairs

APPOINTMENT

Mooney, Howe named associate deans at SEAS

Frans Spaepen, interim dean at Harvard’s School of Engineering and Applied Sciences (SEAS) and John C. and Helen F. Franklin Professor of Applied Physics, recently appointed bioengineers **David Mooney** and **Rob Howe** as associate deans in SEAS.

The Gordon McKay Professor of Bioengineering, Mooney will serve as the associate dean for applied chemical/biological sciences and engineering, and Howe, who is the Gordon McKay Professor of Engineering, will serve as associate dean for academic programs.

As associate dean for applied chemical/biological sciences and engineering, Mooney will help to manage academic and course planning and faculty and staff searches; handle promotion reviews for faculty appointments; and represent SEAS to the Faculty of Arts and Sciences committee on appointments and promotion. Howe will help coordinate educational policy and cross-School programs and teaching; and oversee lecturer and visiting scholar appointments, executive education, and international programs.

— Andrew Brooks

IN BRIEF

CfA to host focus group on aesthetics and astronomy

The Harvard-Smithsonian Center for Astrophysics (CfA) is sponsoring a focus group survey on Dec. 3 at Phillips Auditorium, 60 Garden St., to gather information on how NASA scientists create astronomical imagery. CfA experts will be on hand for the 3 p.m. talk and discussion. Astronomy enthusiasts are invited to register for the survey, which will last approximately 15 minutes, at <http://astroart.cfa.harvard.edu/focus/>. Food, drinks, and souvenirs will be provided for all participants. For more information, visit <http://astroart.cfa.harvard.edu/>.

CHGE releases new ‘Healthy Harvest’ guide

The Harvard Medical School’s Center for Health and the Global Environment (CHGE) recently published “Healthy Harvest: Regional Food Guides for New England and Mid-Atlantic States.” These comprehensive guides (available at www.healthyharvest.org) include detailed information about when produce is available regionally both fresh and from storage, as well as food-specific information on varieties, nutritional content, how best to prepare each food item, and tips on how to store the produce. The Healthy Harvest site also includes a growing collection of recipes from some of the nation’s top sustainable cuisine chefs and makes a strong case, both for one’s health and for the environment, about the importance of eating local food in season.

For printed copies of the guide, e-mail the center at chge@hms.harvard.edu or submit a request on www.healthyharvest.org. Additionally, for a list of upcoming events and appearances sponsored by CHGE, including an Oct. 3 talk at the Museum of Science, visit <http://chge.med.harvard.edu>.

— Compiled by Andrew Brooks

HMS/MGH's Bruce Walker presents update on vaccine progress

By Alvin Powell
Harvard News Office

Bruce Walker recalls sitting across from a person long-infected with HIV who never took antiretroviral drugs and never developed AIDS. Walker remembers thinking that the person's body held a secret of which even they were unaware: how to stop the global AIDS pandemic.

"You just feel like the answer is within these people," Walker said. "Our mission is to take that bedside observation and go back

to the lab and figure out what's going on."

Walker, a professor of medicine at Harvard Medical School and Massachusetts General Hospital and head of the Partners AIDS Research Center, is working today to uncover that secret in a large international study of 2,000 people whose bodies control the HIV virus without the assistance of drugs or other treatments.

"I think we have real reason to be optimistic because one in 300 people who are infected are [controlling the virus] on their own," Walker said.

Walker discussed his ongoing research at the Science Center Friday (Sept. 19) as well as the professional journey that led him to the front lines of the AIDS pandemic — South Africa's Kwa-Zulu Natal Province. Walker has played a large role in the establishment of a state-of-the-art lab at the Nelson Mandela School of Medicine at the University of Kwa-Zulu Natal in Durban.

Walker was speaking as part of the Program for Evolutionary Dynamics' Distinguished Lecture Series, designed to provide scientific leaders with the opportunity to

address a general scientific audience.

In his comments, Walker gave an overview of HIV and AIDS and of progress in making a vaccine. Though the existence of HIV "controllers" is cause for long-term optimism, Walker said the immediate prospects for a vaccine are dim.

The 2007 failure of the Merck vaccine, which may have actually increased subjects' risk of contracting HIV, sent shock waves throughout the HIV vaccine community, effectively shutting down efforts that attacked

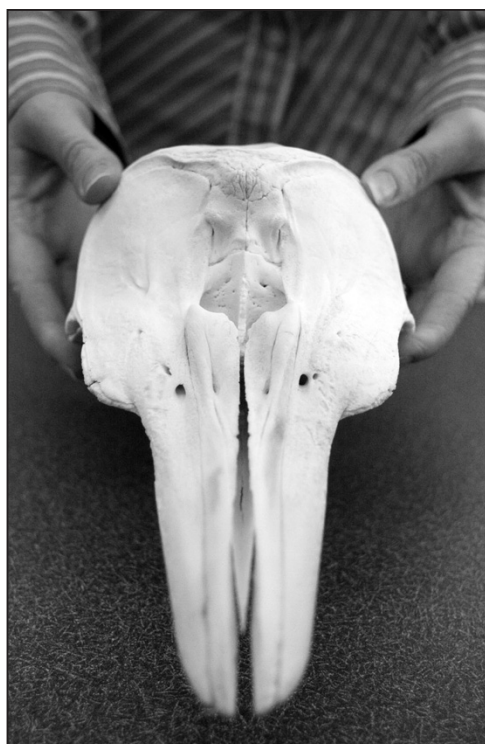
(See **Walker**, next page)



Photos Kris Snibbe/Harvard News Office

Darlene Ketten (looking at X-rays above) examines how ear structures and changes in them affect hearing. One of the marine mammals she studies is the harbor seal (skull, below).

Seeing what they hear, to better understand ourselves



MEEI assistant professor examines marine, land mammals for insight on hearing

By Alvin Powell
Harvard News Office

It was a long drive from St. Louis to Florida, but Darlene Ketten had finally made it. Standing in the warm surf of St. George Island, she watched with delight as tiny, colorful bean clams popped out of the sand and then quickly reburied themselves as the waves foamed around her calves.

"It was gorgeous, with incredible soft, white sand," Ketten recalled. "In the surf were minute clams — pink, blue, orange, and gold — popping out of the sand and then disappearing. ... I dipped my hand in the water and tasted it."

The year was 1971 and Ketten, then a recent graduate of Washington University in St. Louis, had made the pilgrimage to quench her years-long curiosity about the ocean. That curiosity would not only fuel her drive across America, it would also color her subsequent career as an authority on human and animal hearing in her capacity as a specialist in imaging and analyzing cochlear implants at the Massachusetts Eye and Ear Infirmary (MEEI) and as a scientist at Woods Hole Oceanographic Institution.

Working under an unusual joint appointment between Harvard Medical School and Woods Hole, Ketten, an assistant clinical professor of otology and laryngology, examines how ear structures and changes in them affect hearing. She probes the inner ear of many species, in both healthy and ill individuals, searching for clues as to how changes brought about by both evolution and disease affect hearing.

Ketten keeps her feet in the water today by walking beaches around the world to examine stranded marine mammals for clues about how they got there. Her shoreline necropsies look for ailments that might cause an animal to beach itself, with particular attention paid to whether man-made noise pollution and hearing damage played a part.

Ketten came to Harvard in 1985 as a postdoctoral fellow in Harvard Medical School's Eaton-Peabody Laboratory of Auditory Physiology. She became a lecturer in the Department of Organismic and Evolutionary Biology in 1987 and an instructor in Harvard Medical School's Department of Otology and Laryngology and a research associate in the Cochlear Implant Research Laboratory at MEEI in 1988. In

1993, she was named an assistant clinical professor of otology and laryngology.

At the Massachusetts Eye and Ear Infirmary, Ketten lent her imaging expertise to the study of cochlear implants and how they interact with the human inner ear. Through imaging and computer models of the ear's structure, Ketten examines the importance of the curvature of the implant wires and placement of the individual electrodes in speech perception.

Even when working at MEEI, Ketten kept her hand in her marine work, bringing in marine specimens for nighttime scans.

Ketten worked with the New England Aquarium to examine ailing animals, including stranded seals and turtles whose health had to be assessed before they could be released.

By the mid-1990s, interest in the impact of noise pollution and Navy sonar on marine mammals was growing, as was demand for someone with Ketten's unique combination of skills. In 1997, she accepted a joint appointment as an associate scientist at Woods Hole and began dividing her time between the institution's facilities in Falmouth, Mass., and MEEI in Boston.

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For a more in-depth look at Ketten and other Harvard researchers,
<http://harvardscience.harvard.edu/>

CPL honors anti-hunger leader with Gleitsman Citizen Activist Award

The Center for Public Leadership (CPL) at the Harvard Kennedy School (HKS) has announced that the 2008 Gleitsman Citizen Activist Award will go to Billy Shore, co-founder of Share Our Strength. The award and the \$100,000 prize that accompanies it will be presented to Shore on Nov. 19 at a reception in Cambridge, Mass.

While working on Gary Hart's senatorial and presidential campaign staffs, Shore co-founded Share Our Strength (SOS) in 1984 with his sister, Debbie. He has served as the organization's executive director ever since. During his tenure, SOS has become the leading organization working to end childhood hunger in America. Partnering with the food service and culinary industries to create programs such as Share Our Strength's Taste of the Nation and Share Our Strength's Great American Bake Sale, SOS has raised more than \$200 million. Co-marketing arrangements with companies such as Timberland,

American Express, Tyson Foods, Domino Sugar and C&H Sugar, Food Network, Lexus, and SYSCO have brought in millions more to feed children and educate them about nutrition, as well as to raise awareness about hunger in the United States.

In 1997, Shore launched Community Wealth Ventures, a for-profit subsidiary of Share Our Strength, to provide strategic advice to nonprofits looking to create income-generating activities. In addition, Shore has written four books about leading change by creating community wealth.

"Everyone has a strength to share, and creating opportunities for others to do so has been a way of empowering people to make a difference in their communities," Shore said upon learning of his selection for the award. "Solving the challenges our country faces requires more than effective political leaders. It requires effective citizens. I'm grateful that such citizen activism is recognized, uniquely

and powerfully, by the Gleitsman Award, and in a way that will surely inspire others to greater action as well."

Casey Otis-Cote, assistant director of CPL's Gleitsman Program in Leadership for Social Change, observed, "There are two kinds of poverty in our country: those who don't have and those who don't know. Billy Shore has labored mightily over the past quarter-century to eradicate both. The 2008 Gleitsman Award not only recognizes Billy's outstanding achievement, it also sets his example of inventiveness and perseverance in high relief, catalyzing the work of grassroots leaders everywhere."

Judges for the 2008 award included Candace Lightner, founder of Mothers Against Drunk Driving; J.B. Schramm, founder and CEO, College Summit; Aviva Argote, director, Hauser Center for Nonprofit Organizations, HKS; Stanley Sheinbaum, founding publisher of New Perspectives Quarterly;

and David Gergen, director, CPL, HKS. The judges received nominations and supporting materials from all across the country, and winnowed the list down to six finalists. The award recipient was chosen by majority vote.

Echoing the judges' sentiments, Gleitsman Foundation secretary and treasurer Cheri Rosché, who is the partner of now-deceased Alan L. Gleitsman, added, "Alan founded the Gleitsman Citizen Activist award program to recognize people who make a difference, tell their story, and make others aware of what one person can do. Billy is an ideal choice to receive this award because of his twofold genius. He has galvanized the restaurant industry by getting people to contribute what they do best: cook for, create, and host memorable dining experiences. And he's raised all this money without taking funds away from the donations contributors would have given to other causes."



Mortgage finance will be Ranieri's lecture topic.

Lewis Ranieri to deliver Dunlop Lecture on Oct. 1

Lewis Ranieri of Hyperion Private Equity Funds will deliver the ninth annual John T. Dunlop Lecture at the Harvard Graduate School of Design (HGSD) on Oct. 1. The title of Ranieri's lecture is "Revolution in Mortgage Finance."

Generally regarded as the father of the securitized mortgage market, Ranieri helped develop capital markets as a source of funds for housing and commercial real estate and led efforts to obtain federal legislation to support and build the market. He is also chairman, CEO, and president of Ranieri & Co. Inc. and chairman of American Financial Realty Trust, Capital Lease Funding Inc., Computer Associates International Inc., Franklin Bank Corp., and Root Markets Inc. He has served on the National Association of Home Builders Mortgage Roundtable since 1989, is honored in the National Housing Hall of Fame, and is the recipient of a lifetime achievement award given by the Fixed Income Analysts Society Inc.

The John T. Dunlop Lecture series was founded in 1999 through a partnership between the Joint Center, the National Housing Endowment, and HGSD to serve as a lasting tribute to Professor John T. Dunlop and his many contributions to the national housing community.

The lecture will be held at 6 p.m. at HGSD's Piper Auditorium. The event is open to the public. A reception will follow. For more information, contact Elizabeth England at (617) 495-7640.

Walker

(Continued from previous page)

the virus in similar ways.

"What happened was the worst possible outcome that anyone could have imagined," Walker said. "It's really brought the field to a crashing halt."

Walker said Friday that he believed a vaccine is at least a decade away from use in poor settings around the world.

And a vaccine is badly needed. Walker first went to South Africa in search of samples to use in laboratory studies of HIV. He came away with a firsthand view of the destruction the virus is wreaking in the poorest parts of the world and with a realization he had to do more. From that first exposure, he and colleagues began to establish clinical programs at nearby hospitals not only to study the virus but also to treat those afflicted with it. He went on to found the lab at the Mandela School of Medicine to provide research capacity close to the location where clinical care is being given.

"When I went over there, I was completely shell-shocked by what I saw," Walker said.

In most people infected with HIV, the virus is always a step ahead of the immune system, mutating so quickly the immune system can't keep up. Those who control HIV on their own seem to fall into two categories, Walker said: "elite controllers," whose bodies are so efficient that there is no sign of the virus, and "viremic controllers," whose bodies keep the virus at a low enough level that it can't cause disease.

Though participants are still being enrolled in the study, Walker said it appears the controllers' bodies slam the virus with an overwhelming immune response right away. HIV's ability to mutate, which makes it so hard to treat, allows it to survive that initial attack, but the virus is forced to mutate into a benign form. That change affects its ability to replicate and makes it less able to cause disease.

Other studies of the virus's response to drugs shows that it tends to mutate in predictable ways in response to different attacks. If researchers studying the controllers can figure out how to force the virus to mutate in ways that weaken the virus, a vaccine might be possible, Walker said.

"We think there are constraints on HIV evolution," Walker said. "If we can keep it boxed in and make it take a path it really doesn't want to, we may have a chance."



Nick Welles/Harvard News Office

Bruce Walker explains the possible rewards in studying people long-infected with HIV who never took antiretroviral drugs and never developed AIDS.

Rose Lincoln/Harvard News Office



Sporting dueling grimaces, Luke Sager '09 (left) and a Wildcat opponent leap simultaneously to attempt a header during the Sept. 23 Crimson triumph over the University of New Hampshire.

Soccer proves to be rust-proof

On heels of hiatus, dynamic duo of Akpan, Fucito gets it going to drop UNH, 3-1

By Andrew Brooks
Harvard News Office

Coming off a six-day break from soccer, the Harvard men's foot club handed regional rival University of New Hampshire (UNH) a 3-1 defeat this past Tuesday afternoon (Sept. 23) to wreck the Wildcats' unbeaten run. With the win, the Crimson squad picks up its third victory out of five outings in the early going of this 2008 season, while UNH falls to 5-1-2.

Looking loose and capitalizing on its scoring opportunities, the Crimson — who dropped a disappointing 1-0 decision to Rhode Island in overtime nearly a week ago — were motivated by an underdog mindset, according to first-year Harvard head coach Jamie Clark. "It's funny, this is the first game that we came in this whole season saying: 'We're a little bit of the underdog and can we take an underdog mentality?'" Clark explained. "Because if we're going to go far in the tournament and get there and do things we're going to have to be the underdog. To be honest, in the Northeast a lot of times we're the favorite," Clark said, adding, "We almost had to burst their bubble of confidence, which we did early, and then sort of manufactured the win from there."

And burst they did, setting the tone with a pair of first-half tallies against a highly capable UNH squad. A little over eight minutes into the opening stanza, preseason All-American Andre Akpan '10 broke his season-long scoring drought after firing a shot from the box past Wildcat goalkeeper Colin O'Donnell. The single-goal advantage was short-lived, however, as UNH knotted things up at 1-1 less than six minutes later when Wildcat Chris Banks outwitted junior net minder Joseph Alexander on a penalty kick. After nearly 15 minutes of taut, scoreless play, Akpan notched his second goal of the afternoon when he booted the ball into the cage from inside the penalty arc to help his team take a 2-1 edge.

In the second stanza, Alexander and com-

pany weathered a flurry of activity by UNH before receiving some relief in the form of an insurance goal courtesy of teammate Michael Fucito. The prolific senior co-captain tallied the left-footed score in the 72nd minute of play when he lofted a pretty, hanging shot high into the back of the Wildcat netting to set up the eventual 3-1 final. With his goal and first-half assist, the midfielder picked up his fifth tally of the young season. He currently leads his team with 11 points.

All told, the Wildcats outshot the hosts 14-7 and finished with six of the game's seven attempted corner kicks — a testament to Harvard's resourceful play on the afternoon. Next up, the Crimson take on the University of Maine in Orono on Sunday (Sept. 28) for a noon contest.



Rose Lincoln/Harvard News Office

Michael Fucito '09 (above) and Wildcat A.J. DuBois search for the ball. Robert Millock '11 (right) gets karate-chopped by his UNH opponent.



Rose Lincoln/Harvard News Office

Colloquium series launched by IIC, SEAS

The Initiative in Innovative Computing (IIC) and Harvard's School of Engineering and Applied Sciences (SEAS) recently announced the inauguration of a new joint colloquium series that will bring speakers at the frontiers of research in computing and science to the Harvard campus.

"Computation is having a major impact on science," said IIC Director Efthimios Kaxiras, a member of the Harvard physics and applied physics faculties. "Conversely, the needs of cutting-edge science are driving new developments in computer science. Interactions between computer science and computation-intensive research in other sciences form the core of the IIC mission and hold out tremendous promise for advancing Harvard's educational and research mission."

The IIC, an interfaculty initiative, and the computer science faculty in SEAS both sponsor lectures throughout the academic year. Beginning this fall, they will coordinate to sponsor major talks of overlapping interest twice each semester.

This fall's joint colloquium speakers will come from two major high-technology enterprises in the Boston area. Alfred Rizzi, lead robotics scientist at Boston Dynamics in Waltham, Mass., will speak Oct. 8. Jennifer Chayes, managing director of the new Microsoft Research New England laboratory in Cambridge, Mass., will speak Nov. 20. The colloquia will take place at 4 p.m. at 60 Oxford St., room 330 (Oct. 8) and in the Maxwell Dworkin building, room G-125 (Nov. 20).

"We're extremely excited to have Al Rizzi and Jennifer Chayes as speakers in this year's joint IIC and SEAS colloquium," said Gregory Morrisett, SEAS associate dean for computer science and engineering. "As researchers, they span traditional disciplinary boundaries from mechanics to control theory, from physics to economics and mathematics. Their work exemplifies the collaborative spirit that underlies our efforts to bridge activities across Harvard."

Chosen for 'thoughtful leadership ... special contributions to the quality of life in the Houses'

HAA selects Aloian Memorial Scholars



Jon Chase/Harvard News Office

This year's deserving Aloian Memorial Scholars are John Sheffield '09 of Pforzheimer House and Amanda Fields '09 of Lowell House.

This past May, the Harvard Alumni Association (HAA) selected two rising seniors to receive the David and Mimi Aloian Memorial Scholarships for their senior year (2008-09). The criteria for the awards reflect the traits valued and embodied by the late David and Mimi Aloian — thoughtful leadership that makes the College an exciting place in which to live and study, and special contributions to the quality of life in the Houses. David Aloian was the HAA's executive director, and he and his wife Mary "Mimi" Aloian served as masters of Quincy House from 1981 to 1986.

Amanda Fields '09 of Lowell House and John Sheffield '09 of Pforzheimer House are this year's David and Mimi Aloian Memorial Scholars. They are to be honored at the fall dinner of the HAA in October.

When Amanda Fields, of Vista, Calif., was elected as the sophomore representa-

tive of Lowell House, she made sure that all house residents were familiar with the resources available at the House and organized several events to help everyone become more acquainted with each other. As events co-chair for the House Committee she planned two large formals and many alcohol-alternative events. She also worked with others to ensure that Lowellians had a positive intellectual experience by scheduling panels and movie screenings, as well as cultural events. Also co-chair of the House Committee, Fields organized the first-ever off-campus retreat with other student leaders to think about an overall vision for the House. Fields also initiated a survey to elicit student feedback to make sure efforts on behalf of the House were really going to meet the needs of the House community.

John Sheffield, of Fayetteville, N.C.,

views House life as "a valuable reprieve from the routine and responsibility of the daily grind" and has worked hard to ensure that activities in Pforzheimer House do not have any bearing on student resumes, discourage competition, and instead build informal social ties that set House communities above other social groupings. Infusing the House with good will, collegiality, and an inclusive spirit, Sheffield has had a decisive hand in many events and initiatives benefiting the house, including organizing the massively attended House chili cook-off for the Harvard-Yale tailgate (now a House-wide event), serving as a floor prefect, attending every House Committee meeting, helping to plan the vast majority of functions, presiding as the "war minister" for the House during last spring's inter-House Risk tournament, and volunteering for many other functions.

MacArthurs

(Continued from page 1)

awards, you don't apply for this one," Wilson said. "As a scientist, you're trained to think about a project then about how to fund it. It feels very backward to have people give you money and say, 'Now, go figure out what to do with it.'"

Wilson, Mango, and Bomblies are among 25 recipients announced Tuesday (Sept. 23) by the John D. and Catherine T. MacArthur Foundation, which began the MacArthur Fellows Program in 1981 as its first grant-making initiative. Over the years, awards have gone to 781 people, ranging in age from 18 to 82.

"The MacArthur Fellows Program celebrates extraordinarily creative individuals who inspire new heights in human achievement," said MacArthur Foundation President Jonathan Fanton. "With their boldness, courage, and uncommon energy, this new group of fellows, men and women of all ages in diverse fields, exemplifies the

boundless nature of the human mind and spirit."

The MacArthur Fellows Program accepts no applications. Instead, nominations are submitted in a secretive process that culminates in the surprise announcement to fellows.

Both Mango and Wilson are Harvard graduates; Mango earned her bachelor's degree in 1983 and Wilson in 1996.

Wilson, who received her doctorate from the University of California, San Francisco, in 2001, conducted her early research on how neurons and certain neurotransmitters function in the formation of long-term memory. Her current focus is on how nerve cells function to detect odors in one's sense of smell. The MacArthur Foundation said her work opens new avenues for exploring the broader issue of how neural circuits are organized to sense the environment around us.

Wilson heard about the award just over a week ago, as she, her husband, and her par-

ents were preparing to take a few days away in a lighthouse keeper's former home near Provincetown, Mass. The award, she said, was a complete surprise. Though she's had some time to digest the news since then, Wilson still hasn't decided how to make use of the grant, though she pointed out that even without money, the publicity that accompanies the award would help recruit fellows and students to her lab.

"It's a great way to attract people to your lab. The money is nothing if you don't have good people," Wilson said.

Mango, who received a doctorate from Princeton University in 1990, uses approaches from the fields of genetics, genomics, ecology, and embryology to examine the question of how complex organs form. Mango conducts much of her work on nematode worms, focusing on how the creature's pharynx forms. Though much attention has been paid to how specific tissues form, Mango focuses on how those tissues interact and create a single functioning

organ. She has identified a gene, pha-4, as crucial to the coordinated development of the worm's pharynx.

Mango said she was in her office when she got the phone call telling her she had been named a MacArthur Fellow. She said she was speechless, completely taken by surprise. Like Wilson, Mango hasn't yet decided how to use the award.

Jeremy Bloxham, dean of science in the Faculty of Arts and Sciences, in speaking about Mango's appointment to the Harvard faculty, said recently that Mango is a leader in the field of organogenesis. He called her research "groundbreaking" and said it "opened alternative ways of thinking" about development.

Bomblies is currently finishing her postdoctoral fellowship at the Max Planck Institute. She works on the molecular genetics of development and pathogen resistance in *Arabidopsis* and other plants.

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Photos Justin Ide/Harvard News Office

'The focus [of health journals] is not just to write for each other,' said Health and Human Rights publisher Jim Yong Kim (above), 'but to develop a robust community of practice.'

Health, rights journal open to all

Attempt to 'democratize' scientific knowledge

By **Corydon Ireland**
Harvard News Office

60

Harvard
celebrates

The Universal
Declaration of
**Human
Rights**

Editor's note:
This is the second in an occasional series acknowledging Harvard's commemoration of the 60th anniversary of the Universal Declaration of Human Rights.

December will mark the 60th anniversary of the Universal Declaration of Human Rights, a United Nations convention that in 30 articles memorializes basic freedoms involving speech, property, health, security, and the rule of law.

Today, a group of Harvard-affiliated health practitioners want to add another basic right: free access to health information, a step they say will save lives and more democratically communicate an emerging wealth of scientific knowledge.

To that end, the journal Health and Human Rights (HHR) this month published its first open-access edition. Volume 10, issue 1, will still appear in print, and is still published by the François-Xavier Bagnoud Center for Health and Human Rights (FXB Center) at the Harvard School of Public Health.

But HHR has a new editor-in-chief, Paul Farmer, the Maude and Lillian Presley Professor of Social Medicine at Harvard Medical School and founding director of Partners In Health, an international direct-care charity.

HHR's new full-text, open-access format was discussed by Farmer and others in a public panel last week (Sept. 17). The event drew a capacity crowd to the American Repertory Theatre's Loeb Stage.

"The focus is not just to write for each other," said FXB Center Director and HHR publisher Jim Yong Kim, "but to develop a robust community of practice."

He called the journal's open-access format "health and human rights in the doing."

HHR is free to anyone with a computer, and so "aligns itself with a global movement for the democratization of scientific knowledge production," said an HHR editor's note co-written by Farmer.

"The right to health cannot be separate from the right to information," agreed panelist Agnès Binagwaho, a pediatrician who runs Rwanda's National AIDS Control Commission.

HHR was previously available only in print, and only by subscription. But now that it is online and free, the journal becomes a

more powerful tool for reflection, education, and innovation, she said.

The Internet offers speed and efficiencies that print cannot, said Binagwaho, who used to cram her suitcases with medical literature on the way back from trips to the West, up to



the airline's limit of 20 kilos. "But how much knowledge is in 20 kilos?" she asked.

Binagwaho said combining open-access medical journals with Web-based, interactive systems for knowledge sharing — like the PIH Model Online (<http://model.pih.org/>) — "will dramatically improve global health."

British-trained physician and health journalist Gavin Yamey, senior editor at the San Francisco-based PLoS Medicine, believes that biomedical literature — in Kim's words — should be "a freely available public good." ("PLOS" stands for Public Library of Science.)

Yamey wrote an argument for open-access medical literature in the latest issue of HHR.

Adding an open-access format to HHR, said Yamey during the panel, gives public health "a human rights dimension."

Print-only, subscription-only medical journals reduce "life-saving access to information," he said, by being too expensive and too slow to help practitioners in developing countries.

About 5,000 biomedical journals worldwide make summaries of articles available for free, said Yamey — but studies show that 70

(See *Journal*, next page)

Radcliffe Fellow Markovits talks about 'mad, bad, dangerous' poet

By **Corydon Ireland**
Harvard News Office

George Gordon, Lord Byron died in 1824 at the age of 36 — a short life, but long enough for Byron to become a personage so vivid and controversial that he was arguably the modern era's first celebrity.

Moody, extravagant, and daring, Byron was in his lifetime a celebrated poet, lover, traveler, rake, and political activist. (He died of fever while fighting in the Greek war of independence.)

His personality was so large that it both attracted and repelled. One contemporary, a former lover clearly on the dark side of the Byronic fence, described him as "mad, bad, and dangerous to know."

Those qualities, and the largeness of his personality, earned Byron a life beyond death, including echoing portraits in poetry, film, and the novel. (One of the novels offers a fictive reason for Byron's passions and excesses: He was a vampire).

The latest attempt to capture Byron in fiction is from the pen of novelist Benjamin Markovits, a Radcliffe Fellow this year who can be fairly described as sane, good, and interesting to know.

Markovits, a one-time Yale literature undergraduate whose first postcollege job was playing basketball in Europe, has written two installments in a proposed trilogy of novels about Byron. He'll use his Radcliffe year to work on the third, "Childish Love."

"In a funny way," Markovits said of his historical novels, "they free you from history." Free a novelist, that is, from the obligation of layered facts, leaving the writer free to imagine "the emotional landscape" within historical figures.

Markovits gave a talk this week (Sept. 22) titled "Lying about Byron." He also treated his audience of 60 at the Radcliffe Gymnasium to animated readings from the first two novels in the Byron trilogy. At the end, to impart a sense of Byron himself, Markovits recited from memory minutes and minutes of the poet's epic narrative poem, "Don Juan."

By many measures, Markovits is a stand-out novelist. For one, he's usually taller than anyone else in the room. For the Radcliffe reading, he showed up dressed in narrow, slouch-waisted slacks that accentuated his height. Completing the outfit was a dark tie, and a suit jacket rumpled enough to underscore his patrician bearing.

For another, Markovits is a standout writer to critics, who so far have praised all his novels, including those about Byron, for their lyrical precision, historical detail, and emotionally accurate interiority.

"The Syme Papers" (2004), his debut novel, tells the story of a 19th-century scientist whose genius is squandered on a bad idea: that the Earth is hollow, and its insides are habitable.

"Fathers and Daughters" (2005) novelizes the high school experience. (Markovits, after six months of basketball and a year at Oxford University, briefly taught at Manhattan's exclusive Horace Mann School.)

Critics admire the last two novels from the prolific Markovits, a Texas native who makes his home in London. "Imposture" (2007) delivers a portrait of Byron through

(See *Byron*, next page)

Physician and health journalist Gavin Yamey (above) says biomedical literature should be 'a freely available public good.'

Photo by Corinne Pickering



Ouellette (above) has depth of experience leading finance and operations in higher education.

Ouellette named administrative dean at Radcliffe

By Jenny Corke

Radcliffe Communications

Helen T. Ouellette has been appointed the administrative dean at the Radcliffe Institute for Advanced Study, effective Sept. 22. With a distinguished career in administration, Ouellette's leadership in higher education includes chief financial roles at Williams College and the New England Conservatory. At Radcliffe, she will succeed Louise Richardson (who was appointed principal and vice chancellor of the University of St. Andrews in Scotland) and will help the dean oversee administrative

APPOINTMENT

areas, such as operations and finance, and align them with Radcliffe's programmatic agenda and academic mission.

"Helen Ouellette has an outstanding record of collaborative and strategic administration in higher education. Having spent more than a decade at Williams and the New England Conservatory, she has dedicated her career to planning for resources that will benefit research and the arts over the long term. As we plan for the future, Helen's skills will be essential to maximizing Radcliffe's roles as a leading institute for advanced study and as an important source of new scholarly, scientific, and artistic ventures within Harvard," said Barbara J. Grosz, dean of the Radcliffe Institute.

Most recently, Ouellette served in chief operating roles at Earthwatch Institute, the world's largest environmental volunteer not-for-profit, and at Oxfam America, an international relief and development organization. From 1998 to 2005, she was vice president for administration and treasurer for Williams College, where she oversaw finance, human resources, facilities and construction, and planning, among other areas. She served from 1992 to 1998 as the vice president of finance and administration at the New England Conservatory in Boston.

Familiar with the Radcliffe and Harvard communities, Ouellette worked in finance at Radcliffe and the Harvard Kennedy School in the late 1980s and early 1990s, earned her Ph.D. in classical philology at Harvard in 1971, and received a certificate in business from Harvard in 1981. She also has experience in community relations and helping plan collaborative university initiatives, with professional activities that include serving as president of the Williamstown Chamber of Commerce and chair of the New England Association of Schools and Colleges.

Byron



Nick Welles/Harvard News Office

Novelist and Radcliffe Fellow Benjamin Markovits talks about his trilogy of books that presents a fictional exploration of the life and character of Lord Byron.

(Continued from previous page)

the eyes of the man who was briefly his personal physician, John William Polidori.

The "imposture" of the book refers to Polidori being mistaken for the heroic Byron, in person and as a writer — a mix-up the young doctor found attractive. In reality, "out of his own head," Markovits has Polidori admit in the book, "only dullness flowed."

The second novel in the trilogy is "A Quiet Adjustment" (2008), a telling of the Byron story from the point of view of Annabella Milbanke, a teenage provincial who won the poet's hand in marriage. Considered then, and now, one of literature's most unlikely unions, the unhappy marriage lasted 54 weeks.

"I was a villain to marry you," Markovits has Byron confess to Annabella on their honeymoon. That comes just at the moment it becomes apparent that the poet's half-sister, Augusta Leigh (who figures prominently in the novel), has more than sisterly interests in the priapic Byron.

One reviewer in the Guardian remarked that Markovits writes in a voice reminiscent of Henry James (a figure who the Radcliffe Fellow this week admitted was a literary inspiration, along with Jane Austen).

In his remarks, Markovits observed of his first novel — about the misguided scientist — that "it's hard to write geniuses."

So to write about Byron, he took on the voices of two nongeniuses — the doctor and the wife — who before this had hovered only on literature's margins. (James made a note

to himself to write a story about Annabella, Markovits said, but never did.)

Byron in the trilogy so far is illuminated only by light from the sidelines. It's a writing technique that Markovits called "a series of orbits, rather than a single trajectory" — a means of drawing nearer and nearer the emotional truth of his luminous subject without being scorched by Byron's brilliant unfiltered light.

"Lord Byron is not the center of the action 'til the end," said Markovits of his trilogy — that last of which will focus, at last, on the interiority of the poet himself.

"Lord Byron did himself pretty well," he added, "so one hesitated to take him on all at once."

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Journal

(Continued from previous page)

percent of the summaries are incorrect. In any event, they are no substitute for the full text, he said, which may cost readers \$50 per article.

To underline the crisis, only four companies in the world publish (and own) most of the medical literature, said Yamey. "It's like an intellectual land grab, and it makes me nervous."

Medical research is commonly published in printed journals paid for by subscription. That means "only a tiny frac-

To view the journal,

www.hhrjournal.org/index.php/hhr

tion of the audience can benefit," said Yamey. "The logical alternative is to use the Internet."

The Internet could free biomedical knowledge from political and economic barriers, he said, and have "profound benefit to the global health community."

The United Nations (in the 1948 Universal Declaration) has already identified access to knowledge "as a rights issue," said Yamey, and "basic to the democratic way of life."

Putting medical knowledge online for free is one benefit, he said. But the Internet "also allows you to do tacitly creative things," including participating in inter-



Justin Ide/Harvard News Office

Agnès Binagwaho (from left) speaks as Gavin Yamey, Paul Farmer, Philip Alston, and Jim Yong Kim listen.

active features that bring readers into discussions of scholarship and practice.

Kim agreed. In an HHR publisher's note, he averred that the journal would make readers "more than readers." The new electronic version offers discussion threads, blog postings, and contributions from field practitioners.

The open-access model is flexible, fast, and information-rich, said Yamey. "Readers love it."

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Media

To learn more about the work of Paul Farmer and Jim Yong Kim:

www.news.harvard.edu/sharedmedia/haiti_partnerships.swf

www.hno.harvard.edu/sharedmedia/lesotho_clinics.swf

McCain's, Obama's education platforms on view at Kennedy School

By Colleen Walsh
Harvard News Office

It was standing room only at the Harvard Kennedy School (HKS) as a former governor and a Harvard Law School (HLS) professor took on the issue of education.

The presidential style debate on Sept. 17 pitted former acting governor of Massachusetts Jane Swift IOP '03, representing Republican nominee John McCain's education policies, against HLS lecturer of law Stephanie Robinson J.D. '94 who represented Democratic presidential candidate Barack Obama's education platforms.

The two surrogates squared off on six education topics: early education, charters and school choice, No Child Left Behind (NCLB), state and federal funding, higher education, and teacher quality.

The HKS Education Professional Interest Council and the Harvard Business School Education Leadership Group sponsored the event that was moderated by Harvard Graduate School of Education Dean Kathleen McCartney, Gerald S. Lesser Professor in Early Childhood Development.

Since her turn as the state's chief executive, Swift has worked for a venture capital firm focused on the education sector and has founded her own consulting group that advises early-stage education companies.

The first governor in the country to give birth in office, the mother of three daughters said she is on pins and needles in the spring.

"The worst part of my entire life every year is the spring. My husband just about wants to move out because I am obsessively compulsive about which teachers my children are going to get for the next year."

Swift made the comment in the context of explaining how she favored McCain's plan for teachers and training that would restructure Title II funding, the section of the NCLB legislation that supports the preparation, training, and recruitment of high quality teachers and principals.

"[Title II] has billions of dollars that are supposed to be supporting teacher quality and I don't think it has been all that effective," said Swift.

A large part of the solution, she offered, in-

(See **Education**, next page)



Rose Lincoln/Harvard News Office

Former Massachusetts Gov. Jane Swift (above) explains John McCain's education platform.



Stephanie Mitchell/Harvard News Office

The Sept. 18-19 'Acting in Time' panel, which attempted to block out advice on energy policy for the next White House, covered climate change, carbon sequestration, technology innovations, and other topics. Panelists Daniel Schrag (left) and John Deutch exchanged views.

Electric cars, 'cap and trade,' and more

Panel presents a host of suggestions to deal with problem of climate change expeditiously

By Corydon Ireland
Harvard News Office

R. James Woolsey Jr., a former director of the Central Intelligence Agency, has a favorite personal strategy for ensuring U.S. domestic security: his Toyota Prius hybrid, upgraded with an A123 conversion kit that allows it to run largely on a battery rechargeable by house current.

Unlike the billions it would cost for, say, hydrogen vehicle infrastructure, "I stopped at Wal-Mart," said Woolsey, "and bought my infrastructure" — an extension cord — for \$4.95.

Driving plug-in cars tamps down the American appetite for oil from sources vulnerable to terrorist attack, especially the Middle East, where two-thirds of America's oil comes from, Woolsey said during a recent Harvard panel. Meanwhile, 75 percent of American drivers could drive electric cars without adding a single U.S. power plant.

Woolsey was among 28 panelists and speakers at last week's "Acting in Time on Energy Policy" (Sept. 18-19), sponsored by the Harvard Kennedy School (HKS), the Belfer Center for Science and International Affairs at HKS, and Harvard's Consortium for Energy Policy Research.

"Acting in Time" is an HKS initiative that holds periodic conferences on why looming large-scale

problems — including global warming, long-term health care, and pandemics — are not being expeditiously addressed.

For the energy conference, one policy paper was written for each of the six panels. The papers will appear in book form by January, said conference co-organizer William Hogan, the Raymond Plank Professor of Global Energy Policy at HKS.

Over two days at the Charles Hotel and at HKS's Taubman Center, questions and comments came from an audience of about 130 academics, policymakers, and business leaders.

Panels looked at climate change, carbon capture and storage, oil and transportation, energy innovation, electricity market structure — and at the obstacles to acting in time to address the overall problem.

As for global warming policy — the subject of the first panel — "It's a particularly good time to act in time," said moderator Jeffrey Frankel, the James W. Harpel Professor of Capital Formation and Growth at HKS.

According to the policy paper by conference co-organizer Kelly Sims Gallagher, director of the Energy Technology Innovation Policy research group at HKS, sea ice is melting at record rates, average temperatures in the U.S. Midwest are getting hotter, and between 2000 and 2005 alone global emissions

of CO₂ grew by 16 percent — with the United States and China accounting for 46 percent of the Earth-warming gas.

There's no definitive answer for how much time the world has before irreversible climate change, said Gallagher, a proponent of worldwide emissions "budgets." But delaying changes in energy infrastructure, she said, would cost governments more in the long run.

"We don't have a lot of time," agreed respondent John Holdren, HKS professor of environmental policy and director of the Science, Technology and Public Policy Program.

Needed, said Holdren, are immediate government incentives for sequestering excess CO₂ and for "cap-and-trade" (a strategy for limiting CO₂ emissions and giving them market value).

Making carbon capture and storage work was grist for the second panel, based on a paper by Daniel P. Schrag, Harvard professor of Earth and planetary sciences and director of the Harvard University Center for the Environment.

Carbon sequestration is an essential ingredient in stemming destructive energy policies, his paper said, in addition to energy-efficient practices, nuclear power, and sources of renewable energy. Shut down low-efficiency U.S. coal power plants, said

(See **Energy**, next page)

IOP expands youth effort chronicling '08 race

Harvard's Institute of Politics (IOP) recently announced a nationwide expansion of its Campus Voices project, an effort started last fall allowing college students to share their experiences and activities tracking the people and events of the 2008 presidential race. The institute has now expanded the project to serve as a place where students across the country can voice their opinions and report on the different ways young people are politically engaged and active on their campuses and in their states. The Web site also includes all the information students in any state would need to register and vote in November.

The new general election version of the Campus Voices project now includes schools across the country, and students at Harvard and 18 other colleges and universities have already begun capturing perspectives on political engagement and the race for president on their campuses via

their own original video, photographic, and written reports posted to www.campusvoices.org. The national effort recently kicked off at the Democratic and Republican national conventions, where Campus Voices students undertook engaging interviews — now available online — with dozens of elected officials, delegates, members of the media, campaign strategists, and young people active at both major political events.

"After watching youth voter turnout double and triple in numerous states during this year's primaries and caucuses, we know young people are already playing a big role in this election," said IOP director and former mayor of Nashville, Tenn., Bill Purcell. "The Campus Voices project will amplify the young voter's voice in the presidential campaign process and hopefully inspire even more students to participate in 2008."

The project is intended to provide a new

venue for students to share information and to highlight how important courting younger voters will be to campaigns. In the past two national elections, younger voter turnout increased markedly, and Campus Voices is part of the institute's effort to expand participation further. Approximately 10 million votes were cast in the 2006 midterm elections by 18- to 29-year-olds; this demographic group also cast slightly more votes than seniors aged 65 and older in the 2004 elections, according to exit polls.

The initial Campus Voices project was created in collaboration with The New York Times in October 2007, when Harvard undergraduates traveled to New Hampshire to observe and follow the candidates, campaigns, and events of the 2008 New Hampshire Primary, then published their video and written dispatches and reports on the project's Web site.

Education

Dean of the HGSE Kathleen McCartney (from left) moderated the debate on education between Obama adviser Stephanie Robinson and Jane Swift, who represented McCain's views.



Rose Lincoln/Harvard News Office

(Continued from previous page)

involves greater financial incentives.

McCain's plan would use Title II funds in part to provide bonuses to recruit teachers from graduates in the top 25 percent of their college class, and to pay top educators who agree to teach in challenging districts, said Swift. In addition, some of the money would increase salaries for math and science teachers, to attract and retain them from other lucrative career options.

Above all, said Swift, McCain's plan would call for measurements of success.

"We would make sure that all the measurements of who gets the dollars are tied

Candidates' advisers talk health policy,

www.news.harvard.edu/gazette/2008/09.18/11-policy.html

to student achievement."

In response, Robinson, president and CEO of The Jamestown Project, a think tank that focuses on democracy, laid out a number of Obama's proposals for training and retaining teachers. Obama's plan, she said, included teacher-service scholarships, preparing teachers using a method modeled on teaching hospitals for doctors, and linking rewards for teachers to student performance.

"We would agree that that reward should be tied to student performance and student learning, and the most important thing ... is that we create these guidelines in

collaboration with teachers and not in opposition to teachers."

The need for better-trained teachers, increased parental involvement and responsibility in their child's learning, and elimination of the achievement gap were all top goals for both candidates. The differences were harder to discern.

"There are a lot of points in agreement but how do you see the biggest differences between the two education platforms?" asked McCartney.

Swift said they diverged most on funding. Her candidate, she argued, would make sure the dollars already being spent are being spent wisely.

"I do think [McCain] will make some of the difficult decisions about redirecting existing funds to have greater impact instead of what has happened far too often, which is profligate spending."

Robinson said Obama recognized the need to fix programs by funding them properly, noting the Illinois senator's plan called for \$19 billion worth of support.

"The fact of the matter is if you don't want to fund Head Start; if you vote against affordability in college; if you vote against increasing the Pell Grant; if you vote against full funding for NCLB; ... if the programs that we have — that we put on the books — don't have funding, there's nothing that we can do with them."

In the question-and-answer session, Omar Lopez Ed.M. '09 wanted to know where each of the candidates stood on sex education. The question recalled recent

ads released by the McCain campaign criticizing Obama for backing sex education for kindergarteners. Many argue the ads distort Obama's record and his support of legislation that supported teaching young students how to recognize the advances of sexual predators.

"Those are decisions that are best left at the local level and with parents, and should not be mandated at the federal level," said Swift.

Robinson said her candidate supports "age-appropriate sex education."

Closing remarks revealed further similarities, and the need for a better universal understanding about the critical role of education.

Swift said the country has to stand up and fight for education.

"We haven't developed a national will to address this problem. ... We have got to do something to elevate this issue. For many ... the system didn't work as well and that's wrong."

Robinson said a new vision has to take hold.

"We need a new vision for the 21st century, one where we're not just supporting schools but where we're spurring new schools, and new innovation; one where we are not just putting money at the problem but are demanding reform," she said, adding, "If we want to outperform the world tomorrow, we truly have to out-educate the world today."

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Energy

(Continued from previous page)

Schrag, and finance 20 large-scale demonstration projects for injecting excess CO₂ into U.S. aquifers, or off-shore seabeds.

Demonstrations of carbon sequestration are "inadequate with respect to scale, time, and funding," said panelist John M. Deutch, a one-time CIA director who specializes in energy and environment issues at the Massachusetts Institute of Technology. Federal effort will be needed, he said — regulations to minimize squabbling from U.S. states and capital at a scale that states or private industry cannot manage.

Innovation in energy technology can help, according to another panel paper, but the United States is not the leader it should be.

"We are vastly underfunded" for energy technology innovation, and hampered by short-cycle government funding in an arena that needs multiyear funding, said panelist Jane A. "Xan" Alexander, a 20-year veteran

For more on 'Acting in Time,'

www.hks.harvard.edu/about/admin/offices/dean/ait

Energy issues, Belfer Center,

<http://belfercenter.ksg.harvard.edu/topic/48/energy.html>

of the federal energy bureaucracy and now a consultant to the nonprofit Clean Air-Cool Planet.

Part of the problem is the level of federal funding. U.S. dollars for energy innovation research and development peaked at \$6 billion during the Carter Administration, "and are less than half that now," said Dan W. Reicher, director of climate change and energy initiatives at google.org.

Is change on the horizon after the next presidential election? The conference dinner on Thursday evening (Sept. 18) at Loeb House featured a battle of words between Obama campaign energy adviser Jason Grumet and his counterpart with the McCain campaign, Floyd DesChamps. (Woolsey, who was not part of the debate, is also a prominent McCain energy adviser.)

For his smooth delivery alone, Grumet won the debate, said scientist Marilyn A. Brown, a conference observer who teaches public policy at the Georgia Institute of Technology. (Her comparative analysis of the McCain-Obama policy differences on energy, written before the Acting in Time event, is available at www.gatech.edu/energybuzz/.)

The final panel on Sept. 19 was on "Barriers to Acting in Time on Energy and Solutions for Overcoming Them" — the title of the lead-off paper by negotiations scholar Max H. Bazerman, the Jesse Isidor Straus Professor of Business Administration at Harvard Business School.

In addition to electric cars, Woolsey suggested another solution: "good old energy efficiency in buildings."

The U.S. president "has an agenda-setting function," but some of the needed leadership in the energy policy debate has to come from the private sector, said panelist and senior fellow at both HKS and Harvard Law School Ben W. Heineman Jr.

Panelist Susan F. Tierney, managing principal at the consulting firm Analysis Group, concentrated on White House leadership — with much hinging on the victor in the coming presidential election, she said.

"The president has to shape a vision for why this is not a sacrifice but a responsibility," Tierney said of hard choices necessary in an effective energy policy. "Without that ... we're totally toast."

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Stem Cell summit hails bench progress, looks to bedside future

By Alvin Powell
Harvard News Office

New discoveries concerning cell reprogramming over the past year have boosted stem cell researchers in the lab and encouraged efforts to transfer test tube and lab animal advances to humans suffering degenerative diseases such as diabetes, Parkinson's disease, and Lou Gehrig's disease.

Leaders of the Harvard Stem Cell Institute (HSCI) and Harvard President Drew

Faust hailed advances in the last year as significant steps in the drive to understand and one day treat these diseases, which afflict millions around the world.

Among the advances they cited are a treatment that cured a form of muscular dystrophy in mice, the production of stem cell lines from patients suffering 10 different diseases, the creation of nerve cells from patients suffering Lou Gehrig's disease, and the direct conversion of mouse pancreatic cells into the insulin-producing beta cells

destroyed in diabetes.

The comments were made Monday (Sept. 22) at the third annual Stem Cell Summit, sponsored by the Harvard Stem Cell Institute and held at Harvard Medical School. In her welcoming remarks, Faust singled out the four new findings by HSCI researchers as evidence that real progress is being made.

"If discoveries like these were emerging at a rate of one a year, we would have good cause to celebrate. It is a tribute to the work of the institute that all four of the papers I

just mentioned were published this last summer alone," Faust said. "Everything I know about your work and the work of this institute makes me feel that we really do live in historic times — something people will look back on years from now and see as a watershed in our understanding of human biology and in our capacity to seek treatments and cures for a myriad of diseases."

Faust praised not just the "remarkable progress" made since the HSCI began in

(See **Summit**, next page)



Jon Chase/Harvard News Office

President of Kiribati Anote Tong notes that while his island nation is one of the world's lowest emitters of greenhouse gases, it will be one of the first areas to feel the effects of changes brought on by industrialized nations.

Island nation president plans for extinction

Sea level rise may produce Pacific islander refugees

By Alvin Powell
Harvard News Office

The leader of the South Pacific island nation of Kiribati laid out an extraordinary plan Monday (Sept. 22) that would scatter his people through the nations of the world as rising sea levels submerge the islands they have called home for centuries.

President Anote Tong said the half-meter sea level rise projected by climate scientists over the next century would submerge a significant proportion of the land on which his people live. Salinization of ground water due to rising seas would render even more land uninhabitable.

Kiribati is made up of 33 islands that straddle the equator in the vast South Pacific Ocean. Most of Kiribati's islands are coral atolls — low, circular islands built on reefs that remain above water when the original mountainous islands they surround erode into the sea. Consequently, most of Kiribati's territory lies within two meters of sea level.

"Most [islands] are so narrow that if you stand on the ocean side and shout, the people on the lagoon side will hear you," Tong said.

Tong spoke at the Science Center as part of the Harvard University Center for the Environment's "Green Conversations" lecture series. The event, which drew several hundred to the hall, was hosted by Center for the Environment Director Daniel Schrag and featured Agassiz Professor of Biological Oceanography James McCarthy, who questioned Tong after his formal re-

marks concluded.

"Kiribati faces going out of existence because of climate change, and that is extraordinary," Schrag said.

Tong's plan to relocate Kiribati's 100,000 people was born, Tong said, out of the realization that he had to do something. If scientists are right, his nation is facing a humanitarian crisis and the world isn't paying attention, he said. Kiribati residents have already seen unusual natural events that could be due to climate change, such as higher tides, coral bleaching, and a recent 12-month drought.

The government plans to continue to repair damaged public buildings on the waterfront but is advising private entities and residents to move back from the shoreline. The problem is that they are running out of room.

"We are in danger of falling off the other side if we keep moving back," Tong said.

Tong said he is sometimes frustrated by the lack of response he's received. Though Kiribati is one of the world's lowest emitters of greenhouse gases, it will be one of the first areas to feel the effects of changes brought on by industrialized nations. Even so, Tong said, when he talks about the coming humanitarian disaster, other nations only want to talk about terrorism or the economic impact of steps to curb global warming.

"While it may be a matter of economics for some of you, for us it's not economics; it's a matter of survival," he said.

Though it may be too late to head off the sea level rise that would be disastrous to Kiribati, Tong urged other nations to take steps to curb climate change. And, despite the ecological problems the nation faces, Kiribati is still working to

safeguard the Earth's natural heritage, recently creating the Phoenix Islands Protected Area.

"That is our contribution to humanity. We are waiting for a contribution from any country of a piece of land so we can move to it," Tong said.

Despite his frustration, Tong said he realized that anger wouldn't help his people. While Tong would prefer that some nation step up and offer land that Kiribati's people could call their own, he realizes that is unlikely to happen. His back-up plan, he said, is more likely to be palatable to governments around the world.

"As a leader, what do you do? Tell them to wait for the water to come and they will drown and I will drown with them? What we want to do is deal with it now. It would be silly to do nothing," Tong said.

Tong's proposal would have groups of Kiribati citizens — perhaps 1,000 per year — receive job training and then seek skilled jobs in other nations. They would form a dispersed resource that others could turn to as the environmental situation becomes critical at home.

Job training is an important component of his plan, he said, because he would like the dispersal to occur methodically and with as much dignity as possible; he does not wish for his people to wind up as environmental refugees.

The plan has already begun to be implemented, with small groups of nurses going to Australia for training and other workers to New Zealand.

"Hopefully, our people will spread out so that when the time comes they will assist with the integration of [the rest of our] people into their communities ... and also make it easier on the host country," Tong said.

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Special panel at Sanders to explore financial crisis

Harvard President Drew Faust invites students, faculty, and staff to a special panel discussion today (Sept. 25) on the current turmoil in the financial markets. “Understanding the Crisis in the Markets: A Panel of Harvard Experts” will begin at 4 p.m. in Sanders Theatre.

Harvard is fortunate to have some of the nation’s leading scholars and practitioners in finance, policy, law, and other fields relevant to the current situation. Several of them have agreed to participate in a special session for the University community to help make sense of the recent developments in the U.S. and world markets. The panel will include Robert Kaplan, professor of management practice; Jay Light, Dwight P. Robinson Jr. Professor of Business Administration and dean of the Faculty of Business Administration; Gregory Mankiw, Robert M. Beren Professor of Economics; Robert Merton, John and Natty McArthur University Professor; Kenneth Rogoff, Thomas D. Cabot Professor of Public Policy; and Elizabeth Warren, Leo Gottlieb Professor of Law.

A live Webcast of the discussion will also be available at <http://video2.harvard.edu:8080/ramgen/broadcast/FinMktsPanel.rm>.

A.R.T. introduces new, bold series for target audience

This 2008-09 academic year, the American Repertory Theatre (A.R.T.) will unveil two new performance series to provide opportunities for younger audiences to enjoy the theater. While each of the new programs — “Under 35 Nights” and “Out at A.R.T.” — are tailored for certain crowds, both will feature postshow mingling at the bar, which will remain open after the performances.

“Under 35 Nights” will take place during the first Thursday of each production at 7:30 p.m. Harvard Square bistro Sandrine’s will provide their French fare. Upcoming “Under 35 Nights” performances include “The Communist Dracula Pageant” on Oct. 23 at Zero Arrow Theatre; “Aurélia’s Oratorio” on Dec. 4 at Loeb Stage; and “The Seagull” on Jan. 15, also at Loeb Stage.

Meanwhile, “Out at A.R.T.” was designed with the gay, lesbian, bisexual, and transgender community in mind. It will take place on selected Fridays at 8 p.m. Each performance will be followed by a discussion. Scheduled performances include “The Communist Dracula Pageant” on Oct. 31 at Zero Arrow Theatre; “Aurélia’s Oratorio” on Dec. 5 at Loeb Stage; and “The Seagull” on Jan. 23, Loeb Stage.

Single tickets begin at \$39. A special three-play series package begins at \$32.

Additionally, the A.R.T. is now offering Hot Tix to welcome new patrons to the theater. Select performances to all productions now have limited \$25 tickets available.

For more information or to reserve tickets, call (617) 547-8300 or visit www.amrep.org.

Summit



Photos Justin Ide/Harvard News Office

President Drew Faust expresses her admiration for the striking progress made by researchers at the Harvard Stem Cell Institute and Harvard Medical School.

(Continued from previous page)

2004, but also the fact that major advances were made despite the federal government’s refusal to fund a significant part of the work.

“This may well be the first time since the end of World War II when major progress in basic biomedical science in the U.S. has been enabled primarily by far-sighted private individuals, foundations, and institutions rather than by the federal government,” Faust said.

She warned that even with a change in the nation’s leadership coming, stem cell researchers shouldn’t expect a large influx of federal dollars. Though the next presidential administration may be friendlier to stem cell research, funding through the National Institutes of Health has declined in recent years. That means stem cell researchers will have to compete with scientists in other fields for a declining pot of federal dollars.

“At a time when the promise of biomedical research has never been greater, our nation risks sending a signal to our best and brightest young researchers that the funds won’t be there to support their hugely important career pursuits,” Faust said.

Harvard Stem Cell Institute Co-Director David Scadden, the Jordan Professor of Medicine at Harvard Medical School and Massachusetts General Hospital, said the past year has been “extraordinary” for stem cell science. He hailed advances at

Harvard and elsewhere that “exploded” the previous view that cellular development from embryonic to differentiated adult tissues is a one-way street.

In several different instances, researchers have discovered ways to turn back the clock and reprogram cells into those crucial to understanding and one day treating disease. Scadden said the Stem Cell Institute is beginning to build a library of cell types involved in disease — nerve cells from patients with Lou Gehrig’s disease, for example — that researchers can use in their studies.

“That process of reprogramming is an extraordinarily powerful tool in the hands of researchers,” Scadden said. “This is just the beginning.”

Despite the encouraging progress, however, much work remains to be done. Some of the transcription factors used in cellular reprogramming can lead to cancer, making that process — useful in creating cells for research — unsuitable to treat patients. The search is on, he said, for chemicals that can mimic the transcription factors’ effects without potentially dangerous side effects.

During the summit’s daylong event, speakers detailed progress in specific disease areas, including cancer, the nervous system, and the cardiovascular system, and discussed other topics such as the outlook for state and federal government policy, clinical trials for therapy, drug discovery, and commercialization of research ad-

vances.

Harvard Stem Cell Institute Co-Director Douglas Melton, Cabot Professor of the Natural Sciences, detailed recent work on diabetes, including his success directly converting one type of pancreatic cell into another. The advance holds the promise of allowing researchers to create a supply of tissues needed for study or therapy without having to go through the many-step process of changing adult cells back into embryonic-like stem cells and then re-differentiating them to the needed cell type.

In that work, Melton and colleagues took pancreatic exocrine cells, which produce digestive enzymes that are released into the gut, and used three transcription factors to convert them directly into insulin-producing beta cells.

“It opens the possibility of converting cells — at least within the same cell lineage — into a useful cell,” Melton said. “We think this provides another weapon in our arsenal to make cells that are deficient.”

Melton also said researchers made advances in learning how to replicate beta cells from existing beta cells and are making progress in efforts to get embryonic stem cells to differentiate into beta cells. In that case, he said, researchers have mastered two steps in what they believe will be a six- or seven-step process.

“We won’t solve all the steps in the next year, but we believe this is a solvable problem,” Melton said.

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Stem Cell Institute Co-Director David Scadden says the past year has been ‘extraordinary’ for stem cell science and hails advances that ‘exploded’ the previous view that cellular development from embryonic to differentiated adult tissues is a one-way street.

New Trajectories: contemporary architecture in Croatia and Slovenia

By Ruth Walker

Special to the Harvard News Office

For young architects, the moment their country is dissolving may not be a bad time to launch their careers.

That has to be one of the takeaway messages from “New Trajectories: Contemporary Architecture in Croatia and Slovenia,” an exhibition at the Gund Hall Gallery of the Harvard Graduate School of Design (GSD) through Oct. 5.

“New Trajectories” features the work of 13 firms in the two countries, led by architects who were generally completing their studies and hanging out their shingles about the time that multiethnic Yugoslavia was breaking up.

This is the first in a series of exhibitions and conferences at the GSD that will look at different places around the world where a minority group of what might be called architectural insurgents is challenging received tradition.

In her presentation at a panel discussion Sept. 17, Petra Ceferin of Ljubljana, an architect and architectural critic, commended the exhibition: “It succeeds in showing that something happened in Slovenian and Croatian architecture.” The early 1990s were a time of radical changes — political, economic, and cultural — in both countries. “The architects succeeded in responding to the changes, not simply to adjust to them, but, in a radical way, to trigger a change in their own field.”

Their two countries were once parts of a bolted-together communist construct, and before that, of the Austro-Hungarian Empire; today they are part of a new Europe. The heavy hand of state orthodoxy and communist control has fallen away. Frankly commercial Western investors, who will bring money but are likely to impose creative con-

(See *Trajectories*, page 31)



Stephanie Mitchell/Harvard News Office

Slovenian architect and architectural critic Petra Ceferin was one of the ‘New Trajectories’ panel members.

Christo and Jeanne-Claude discuss art of the deal

Couple honored with 2008 Great Negotiator Award

By Colleen Walsh

Harvard News Office

The dynamic husband and wife artistic team of Christo and Jeanne-Claude are likely better negotiators than many foreign leaders.

The pair is best known for their massive art installations, often using nylon or woven fabric to highlight buildings or works of nature. Their most recent project (2005), “The Gates,” consisted of 7,503 16-foot-tall steel gates with suspended swaths of saffron-colored nylon that snaked through 23 miles of paths in Central Park.

While art may not seem like an area rife with negotiation, the nature of Christo and Jeanne-Claude’s large-scale works invariably requires coordinating with a variety of stakeholders including local, state, and federal officials, community groups, environmentalists, landowners, and the general public.

The two received the 2008 Great Negotiator Award on Sept. 23 from the Program on Negotiation (PON) at Harvard Law School, which recognizes those who have made lasting contributions to the fields of negotiation and dispute resolution.

The couple met in Paris in 1958 and have been together ever since, working in tandem to realize their grand-scale visions. Their projects are entirely self-financed, backed by the sale of Christo’s early sketches, drawings, and collages of his projects.

But, before their art can ever be realized, they need permission. And that can be complicated.

The couple participated in a panel at the Institute of Contemporary Art in Boston, where they discussed their work and its complex negotiation process.

For “Running Fence,” the 18-foot-high, 24-and-a-half-mile-long white nylon fabric-paneled fence that briefly ran through rolling hills north of San Francisco and dropped into the sea in 1976, the trick was convincing 59 ranchers who owned the land to allow them to build it.

Understanding who the ranchers were and what they did was a large part of the process, said Jeanne-Claude.

Cleverness, too, plays a role, she said. When an important rancher wanted to know what the fence was

for, she said her answer of “joy and beauty” failed to impress. As she was leaving his home, she saw her opening. Pretending not to recognize some green plants outside his door, she inquired if they would yield vegetables. He responded that they were flowers. Jeanne-Claude pounced.

(See *Christo*, page 18)



Photo Harry Shrunck © Christo 1972

‘Valley Curtain,’ Rifle, Colo., 1970-72 (above), was artists Christo and Jeanne-Claude’s first monumental project in the American landscape. ‘Valley Curtain’ featured an enormous expanse of vivid orange nylon polyamide installed between two mountains to create an artificial barrier ranging from 182 to 365 feet in height. Christo (right) and Jeanne-Claude participate in a panel discussion at the Institute of Contemporary Art in Boston.



Stephanie Mitchell/Harvard News Office

Forest



(Continued from page 1)

“Overall, this forest offers a very positive message for New England about the resilience of our forests,” says David R. Foster, the forest’s director and a senior lecturer on biology in the Faculty of Arts and Sciences (FAS). “The Harvard Forest can teach us much about the history and diversity of natural landscapes.”

Since becoming director of the forest in 1990, Foster has worked assiduously to knit together what had been isolated islands of conservation land in north-central Massachusetts into a more coherent block, the better to support research and maintain native flora and fauna. Today, the map of this area at the head of the Quabbin Reservoir — the body of water that supplies much of metropolitan Boston’s drinking water — is a patchwork of land owned not only by Harvard but also by the Commonwealth of Massachusetts, the Trustees of Reservations, MassAudubon, and other conservation-minded organizations.

Since 2005, Foster and colleagues have led an initiative called “Wildlands and Woodlands: A Vision for the Forests of Massachusetts,” endeavoring to protect 1.5 million new acres of Bay State forestland. When combined with the existing 1 million acres of protected land in the commonwealth, the cumulative acreage would total roughly half the area of Massachusetts.

“We’ve already seen Massachusetts emerge as a leader in reclaiming the Northeast’s fragmented landscape,” Foster says. “We hope ‘Wildlands and Woodlands’ will spur new conservation finance tools to safeguard the economic, ecosystem, and quality-of-life benefits of forests.”

The Harvard Forest’s 45 permanent employees — ranging from ecologists to a sawyer who runs a Depression-era sawmill and cuts wood to heat the forest’s buildings — are continually supplemented by a steady stream of visiting scientists from New England and beyond. At any given time, upward of 100 scientists — many from Harvard but most from elsewhere — may be conducting research. The researchers are drawn to Petersham, population 1,180, by these woods, wetlands, and Harvard Pond. Collectively, the scientists form the Harvard Forest Long Term Ecological Research Program, part of the largest ecology research effort funded by the National Science Foundation (NSF).

It’s not just professional scientists at Harvard Forest, which plays host each summer to some 25 undergraduate researchers, most of whom hail from other universities. A dozen of these junior scientists are supported for 12 weeks apiece by NSF’s Research Experience for Undergraduates (REU) program. The Harvard Forest’s REU program, in operation continuously since 1986, is not only one of the longest-running nationwide but also among the most extensive in the biological sciences at a single site.

With so many scientists around, the forest’s facilities are abuzz with research projects.

On a recent day, visiting scientists Wyatt Oswald of Emerson College and Matts Lindblad of Sweden were in a lab sampling from an 8-meter core of mud extracted from the bottom of Little Willey Pond in Strafford, N.H. This core,



The Harvard Forest is located about an hour’s drive west of Cambridge, Mass. From the Alewife T station, follow Route 2 west for approximately 60 miles to Exit 17. Turn right off the ramp onto Route 32 south; the Harvard Forest is 3 miles ahead on the left. The Harvard Forest’s 42 miles of trails are free and open to the public year-round. The Fisher Museum, specializing in displays of New England forest ecology and land-use history, is open weekdays from 9 a.m. to 5 p.m. and weekends through October from noon to 4 p.m. Additional information is available at <http://harvardforest.fas.harvard.edu>.

Related article
Freshmen reconnect with land,
www.hno.harvard.edu/gazette/2000/03.02/forest.html



A pole (far left) to measure snow depth is part of a project to predict snowfall in the Harvard Forest. Staff scientist Julian Hadley (left) peers up at the forest’s 70-foot Hemlock Tower, whose equipment measures the water and carbon dioxide output of a 200-year-old conifer grove. A salamander (below) enjoys its mossy Petersham perch. A local map (right) shows the patchwork of conservation land at the head of the Quabbin Reservoir.



representing some 12,000 to 13,000 years of pond deposition, will be studied for pollen, minerals, and organic matter to reconstruct New England’s forest history, providing evidence of climate change, human activity, and disturbances such as fires or hurricanes.

Out in the woods, Emery Boose, the forest’s information manager, pointed out another research project, launched this spring. A tract of red pine planted in the 1930s — and starting to suffer natural decline owing to its age — has been clear-cut and outfitted with two different types of enclosures to exclude deer and moose. The project will study the effects of grazing by both species on forest regrowth.

Deeper into the forest, staff scientist Julian Hadley was manning air-monitoring equipment mounted atop a 70-foot metal structure known as Hemlock Tower. These experiments, intended to measure and track the output of water and carbon dioxide by the surrounding grove of 200-year-old conifers, illuminate the important role of forests in maintaining the Earth’s carbon cycle.

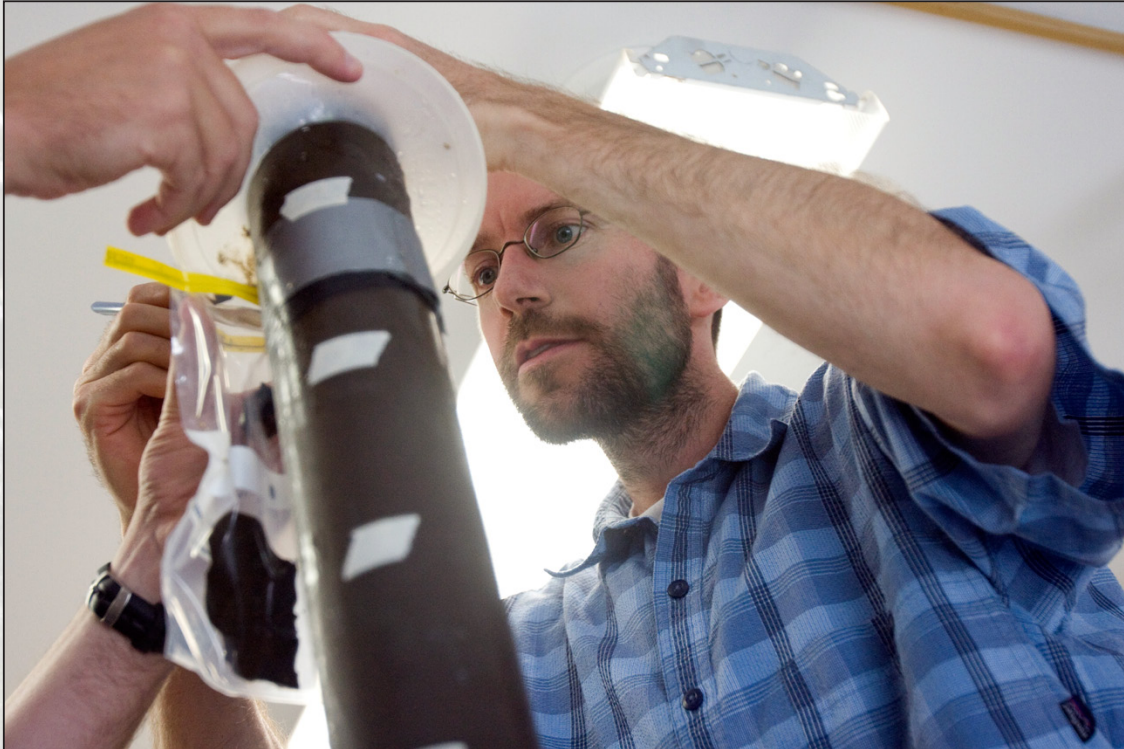
Nearby is an apparatus placed by a Bridgewater State College professor who makes snowfall predictions and uses cameras to monitor from afar the accumulation of snow in the forest. Other measurements are being taken at streams that feed into the Quabbin, so scientists can examine how precipitation and transpiration affect water flow and water chemistry.

Researchers with the University of Massachusetts have outfitted 25 area moose with GPS collars to track the gangly woodland dwellers, whose numbers have grown steadily in northern Massachusetts. The Harvard Forest is even seeing signs of resettlement by bears, which not long ago were found only in the most remote areas of far northern New England.

With all this data gathering, the Harvard Forest is intensively wired to relay data back to scientists in Cambridge or even thousands of miles away. Backed by ample computing power, automated equipment gathers and archives climate data five times a second, making it available internationally in real time.

With so many people monitoring his woods from afar, one of Foster’s current priorities is making the Harvard Forest wireless, eliminating the trouble-prone wiring running beneath dirt paths throughout the woods. Rodents and other critters, it seems, like to gnaw on the wires.

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Director David R. Foster (far left) touts the solar panels installed to power a new shed used by forest maintenance workers. Visiting scientist Wyatt Oswald (left) collects mud for a study of pollen, mineral, and organic matter deposition over more than a millennium.



Views of Harvard Pond (far left), a half-mile-long body of water within the Harvard Forest, and a clearing (left), which was outfitted earlier this year with exclosures to study the effects of deer and moose grazing on forest regrowth, illustrate the beauty of the area.

Photos Kris Snibbe/Harvard News Office

Christo



Christo and Jeanne-Claude met in Paris in 1958 and have been together ever since. Jeanne-Claude (left) adjusts her husband's jacket before the event.

Photos Stephanie Mitchell/Harvard News Office

(Continued from page 15)

"I said 'flowers, what are they for?'" she recalled. "He said, 'Honey, I got the message.'"

When faced with the threat of an injunction by those arguing they didn't have the necessary permits to extend the fence into the Pacific Ocean, they sped up the work, erecting part of the wall at night to head off opposition.

"It just shows you how many levels this [negotiating] is happening on," said panelist Michael Wheeler, Harvard Business School professor of management practice and a member of the PON executive committee. Wheeler noted the couple could take the cooperative route with their works, but also use the hardball

The first question at a meeting in Japan the next day, he said, was "Why blue and why yellow?"

In addition, cultivating relationships with a variety of people can push a project along, said the artists.

Christo called the "Pont Neuf Wrapped" a "war" and said it was their most difficult project to date. The problem, he said, was getting Jacques Chirac, the then-mayor of Paris, to agree to let them shroud the famous bridge across the Seine in golden-colored fabric for two weeks. In the end, the couple developed close ties with the city's cultural commissioner, who slipped a pile of papers in front of the mayor for his signature. Included in the group was one for their project. Chirac promptly signed off on it, and they had their approval.

The couple has had 18 successes to date, but twice

lene in 1995, Christo said the opposition to the effort by then-Chancellor Helmut Kohl only heightened the work's significance.

In an attempt to stop them, Kohl ordered a roll-call vote in parliament. To garner support, the artists canvassed the country talking to the parliament members' constituents to plead their case. Ultimately, they persuaded 79 members of Kohl's conservative party to vote with them and approve the project.

"The permitting process creates the identity of the work. ... It creates the dynamics, power, identity. The process sometimes makes the work more important, much more important than we could imagine."

In his closing comments, panelist James Sebenius, vice chair of the PON executive committee and HBS

Chair of the PON Robert Mnookin (far right) listens as Jeanne-Claude (right) and vice chair of the PON executive committee James Sebenius talk.



approach.

"They are accomplished at both," he said.

A simple awareness of cultural differences, said the Bulgarian-born Christo, was also part of the overall negotiating process. He recalled "The Umbrellas," a simultaneous installation in a valley in Japan and the United States of 3,100 mainly aluminum and fabric umbrellas. In the California valley, the roughly 20-foot-tall and 28-foot-wide umbrellas were a bright yellow; in Ibaraki, Japan, the artists chose a rich blue.

Christo said the first question asked at an early meeting to recruit workers for the project in Southern California was "How much will it cost and who pays for that project?"

as many of their projects have been rejected. Their works take years to come to life. Some require decades of discussion. But still the two persist.

"We are up to here with permits," said Christo, motioning with his hand to his head about "Over the River," their next large-scale work that will suspend woven fabric panels over a 40-mile section of the Arkansas River in Colorado. Yet, they remain undaunted, negotiating relentlessly for its installation.

Christo said that often the negotiating process itself infuses a project with importance.

In discussing the "Wrapped Reichstag," the parliament building in Berlin that was veiled by the artists in more than 1 million square feet of woven polypropy-

Gordon Donaldson Professor of Business Administration, lauded the pair for their passion and persistence, intelligence and "enormous flexibility."

Specifically, he praised "the adaptation of your approach to completely different settings, different cultures, and so forth — whether it's California ranchers or French politicians; [whether it's] participatory consensus-building or ... [using] a Medici if you can find one, or ... just putting a stake in the ground and starting negotiations from there. ... We look at you," Sebenius concluded, "and we say there's a lot to learn."

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Photos Rose Lincoln/Harvard News Office

Cass Sunstein: 'In order to be worthy of the name, democracy benefits from heterogeneity, which promotes deliberation and checks excesses. Self-government learns most and protects best in the face of heterogeneity.'

'Likemindedness' can be stultifying

Constitution Day speaker Sunstein argues for vitality of a society that can disagree

By Elizabeth Gehrman

Special to the Harvard News Office



Sunstein argues that dissemination of viewpoints — even when they don't agree with our own — safeguards against torture, false imprisonment, and police brutality.

Cass R. Sunstein, the Felix Frankfurter Professor at Harvard Law School and a former attorney-adviser in the Department of Justice's Office of the Legal Counsel, spoke at the fourth annual Constitution Day lecture (Sept. 17) sponsored by the Office of the Provost.

In his introductory remarks, Kevin Casey, an associate vice president for the Office of Government, Community and Public Affairs, explained that the Constitution Day lectures were instituted in response to a 2004 Senate Appropriations-bill amendment by Sen. Robert Byrd (D-W.Va.). The bill requires institutions that receive federal funding to commemorate Sept. 17 with a pertinent educational program. On that day in 1787, Casey explained, 55 delegates to the Constitutional Convention in Philadelphia signed the U.S. Constitution.

Sunstein chose as his topic free speech in the age of the Internet, particularly as it relates to the nature of self-government as conceived of by the founders of the United States. He began by noting that the framers of the Constitution were "not that original," having come from a tradition of Republican thought. But their one original idea, he said, was in bucking the prevailing view that for self-governance to work it was "indispensable that we be similar."

"The founders thought the anti-federalists had it backwards," he said. "In order to be worthy of the name, democracy benefits from heterogeneity, which

promotes deliberation and checks excesses. Self-government learns most and protects best in the face of heterogeneity. It's their enduring contribution to our Constitution."

Sunstein contrasted this idea with a trend online for personalized news pages, calling them an "architecture of control by which each of us can select a free-speech package that suits our interests." He then discussed a few studies that show why this trend can be detrimental to a self-governing society.

The first took place in two cities in Colorado. A cohort of "left-of-center types" in Boulder and a group of conservatives in Colorado Springs were asked their opinions on a number of topics and then allowed to discuss the questions with other members of their group. "We wanted to know what would happen to private, anonymous views before and after deliberation with like-minded others." The results? "Before talking to one another, the liberals in Boulder thought the U.S. should sign an international agreement to fight global warming. After talking, they thought the U.S. should sign it *yesterday*. Before talking, they thought affirmative action was a good idea. After talking, they thought it was a *great* idea." A similar pattern was shown among conservatives.

Furthermore, the division between the conservative and liberal groups increased greatly after the discussions. "Boy, were they sharply split," Sunstein said. The results of this experiment, he noted, were borne out in the "real world" in the opinions of Federal Court of Appeals judges: When they were on three-judge panels consisting only of Democrats or only of Republicans, their votes were much more in tune with the party line than when the panels were mixed. "Once sorted by environment, Republican appointees show very conservative patterns," Sunstein said. "Democrats go far to the left."

He called this tendency and the tendency toward self-sorting in the first place "the flip side of the First Amendment on which our culture has spent too little time." Free speech, he added, is mostly about censorship, but also about public forums, pointing out that in tyrannical societies the government refuses to allow places where citizens can congregate to openly protest and discuss ideas, get to know people from di-

(See *Constitution*, next page)

Ken Burns to headline Theodore Roosevelt celebration

By Jennifer Tomase

HCL Communications

Theodore Roosevelt is considered a principal architect of the U.S. national park system. To help mark his 150th birthday this fall, noted filmmaker Ken Burns will come to Harvard to offer remarks and show clips from his upcoming documentary, "The National Parks: America's Best Idea," due out in fall 2009. Scheduled for Oct. 3 at 4 p.m. in Sanders Theatre, Burns' talk, "Distance in His Eyes," is free and sponsored by the Theodore Roosevelt Collection of Houghton Library.

Burns' talk also marks the opening of a special exhibition planned to honor the Roosevelt sesquicentennial, "Through the Camera Lens: Theodore Roosevelt and the Art of Photography." Drawing on the Roosevelt Collection, a world-renowned resource for the study of the life and times of the 26th president, the exhibition will explore Roosevelt from several perspectives, including his mastery of the media and his love of the outdoors.

An avid outdoorsman, hunter, and naturalist, Roosevelt's commitment to conservationism led him to play a significant role in the early development of America's national parks, doubling the number from five to 10 during his presidency and setting the stage for future additions.

America's national parks are unique in that the United States was the first country to set aside land with the goal of preserving it for the enjoyment of all. Burns' latest film follows this idea from the mid-1800s onward, exploring the history of the parks through stories that pit preservation against exploitation, and individual rights against the community. It tells the stories of the characters behind those conflicts, people from all walks of life — rich and poor, famous and unknown — people like Roosevelt.

"Surely our people do not understand even yet the rich heritage that is theirs," Roosevelt wrote in his 1905 "Outdoor Pastimes of an American Hunter." "There can be nothing in the world more beautiful than the Yosemite, the groves of giant sequoias and redwoods, the Canyon of the Colorado, the Canyon of the Yellowstone, the Three Tetons; and our people should see to it that they are preserved for their children and their children's children forever, with their majesty all unmarred."

(See *Burns*, next page)

Burns

(Continued from previous page)

During his time in office, Roosevelt furthered his agenda by signing the Antiquities Act in 1906, a move that gave him authority to proclaim national monuments and historic sites on federal land without Congress' approval. "Among other things, he was able to gain protection for the Grand Canyon from mining interests by naming it a national monument, although it was not designated a national park until 1919," said Wallace Dailey, curator of the Theodore Roosevelt Collection.

In 1907, Roosevelt fought an amendment to the Agricultural Appropriations Act that would have handed control of some 16 million acres in the Northwest to Congress. He held off signing just long enough to effectively designate those millions of acres as national forest.

"There can be no greater issue than that of conservation in this country," he said in his "Confession of Faith" speech, delivered at the Progressive

National Convention in 1912.

Housed in Houghton and Widener libraries, the Theodore Roosevelt Collection has its origins in a library assembled by the congressionally chartered Roosevelt Memorial (now Theodore Roosevelt) Association. Opened in New York in 1923, it was presented to Harvard 20 years later.

The Oct. 3 talk by Ken Burns is free. Seating is limited. Entrance will be first-come, first-served, on a space-available basis. The exhibition "Through the Camera Lens" is free and open to the public. It will be on display in the Copeland Gallery and Theodore Roosevelt Gallery in Pusey Library from Oct. 6 through December. The portion of the exhibit in the Roosevelt Gallery will remain on display through May 2009.

For additional information, contact Dailey, coordinator of Burns' upcoming talk and curator of the upcoming exhibition, at (617) 384-7938 or wf-dailey@fas.harvard.edu.



Cable Risdon/Courtesy of Florentine Films

On Oct. 3, filmmaker Ken Burns will talk about the great conservationist Theodore Roosevelt.

Cosmologist J. Richard Bond, recipient of this year's Gruber Prize, is introduced to a CfA audience just before delivering a talk about his work.



Kris Snibbe/Harvard News Office

J. Richard Bond awarded Gruber Prize at CfA

By Alvin Powell
Harvard News Office

Theoretical work on the evolution and structure of the universe landed Canadian cosmologist J. Richard Bond the 2008 Cosmology Prize of the Peter and Patricia Gruber Foundation, awarded Sept. 17 at the Harvard-Smithsonian Center for Astrophysics (CfA).

The \$500,000 prize, accompanied by a gold medal, recognizes Bond's influence on the current understanding of the universe, including such topics as the role of dark mat-

ter. Bond is director of the Canadian Institute for Advanced Research Cosmology and Gravity Program and a university professor at the University of Toronto.

The Gruber Foundation Prize was inspired by a conference at the Center for Astrophysics attended by founders Peter and Patricia Gruber in 1999. Within a year, they had established the cosmology prize. Today, the Gruber Foundation offers five international prizes each year, including the cosmology prize, awarded in collaboration with the International Astronomical Union.

CfA researcher Karen L. Masters re-

ceived a young investigator award of \$50,000.

"There is not a more fitting venue for the award ceremony than the Harvard-Smithsonian Center for Astrophysics," said Patricia Gruber, president of the Peter and Patricia Gruber Foundation.

In a talk delivered Sept. 18, Bond described developments in the understanding of the universe over recent decades and said progress on some of the remaining mysteries will very likely be made with new instruments in coming years.

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MessageMe subscribers re-register, first-time users sought

Given the convenience and widespread acceptance of text messaging, the University is offering this form of correspondence as another technological solution for communicating with students, faculty, and staff in the event of an extreme emergency on campus. As part of the University Emergency Management Plan, the Harvard community can now sign up to receive text message alerts in addition to traditional methods of notification.

In August 2007, Harvard University rolled out its MessageMe Emergency Notification System. Initial participation in the program has been good, but University administrators hope that all members of the Harvard community will take advantage of this service. MessageMe is an opt-in service that requires annual renewal. To renew a subscription or to enroll in the program, visit www.messageme.harvard.edu. The process takes less than a minute.

Harvard community members are encouraged to renew or sign up for this text messaging service in order to facilitate rapid and effective communication throughout the community. Users who elect this option and provide contact information may be assured that all of the information provided is private and will not be shared. A valid Harvard University ID and PIN, or an eCommons ID, is required for access to this service.

As with all methods of communication, text messaging has limitations, so it is important to consider MessageMe as one of many solutions for emergency alerts. A mobile phone is required for registration and must be SMS (text messaging) enabled.

Constitution

(Continued from previous page)

verse backgrounds, and share experiences. "Even though some of us would like to live in gated communities where we don't have to encounter people who annoy us," he said, such serendipitous meetings can actually change lives, giving us a sense that "we're all in it together, notwithstanding our differences."

The Internet, and blogs in particular, Sunstein maintained, are "creating a real-world version of the Colorado experiment, particularly in politics, where it is most dangerous." He mentioned economist Amartya

Sen's contention that in no society in the history of the world that has democratic elections and a free press has there ever been a famine. "As long as governments are under pressure from widely proliferated information to avert famine," Sunstein said, "they do." The dissemination of viewpoints — even when they don't agree with our own — can be a safeguard against such acute deprivation and other forms of harm, including torture, false imprisonment, and police brutality. "When people are sorted, even voluntarily," he maintained, "it's much less likely for this safeguard to occur."

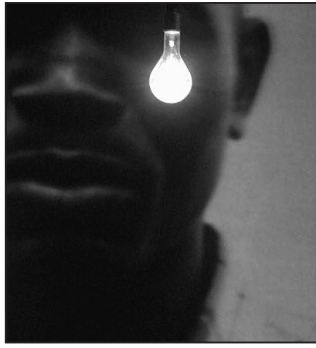
He concluded that new technologies are "more an opportunity than a threat," but warned that we must encourage deliberative forums online to protect against the kind of results found in the Colorado study. He ended with a quote from John Stuart Mill: "It is hardly possible to overstate the value ... of putting human beings in contact with other persons dissimilar to themselves, and with modes of thought and action unlike those with which they are familiar. ... Such communication has always been, and is peculiarly in the present age, one of the primary sources of progress."

Inside



Katrina's legacy

See film, panel at HSPH
Page 23



'Ultimate impressionist'

Anna Deavere Smith 'does
people's souls'
Page 27

Calendar

Events for September 25-October 9, 2008



Photo by Lois Greenfield

The Harvard Dance Program, Office for the Arts, presents 'Salad Days,' an evening of short dances satirizing our love affair with youth and the notion of glory days, on Saturday (Sept. 27). Choreographed by Sara Hook with special guest artists, performances take place at the Harvard Dance Center, 60 Garden St., at 8 p.m. Admission is free. For more information, call (617) 495-8683, e-mail dance@fas.harvard.edu, or visit www.fas.harvard.edu/~dance/events.htm.

ABOVE: Mary Cochran

concerts

Sat., Sept. 27—"Passim's 50th Anniversary Gospel and Blues Celebration." (Harvard Box Office) Featuring soul and gospel legend Mavis Staples, bluesman Chris Smither, and the New York based quintet Ollabelle. Proceeds to benefit Passim Center's Archive Project. Sanders Theatre, 7 p.m. Tickets are

\$75 premium seating with private post-concert reception; \$50/\$30 general; other discounts available. Harvard Box Office (617) 496-2222.

Sun., Sept. 28—"Violin-Organ Concert." (Harvard-Epworth United Methodist Church) Music by Pinkham, Hakim, Olsson, Nystedt, and Lloyd-Webber with Edward Wu, violin, and Andrew Paul Holman, organ. Harvard-

Epworth Church, 1555 Massachusetts Ave., 4 p.m. Free. (617) 354-0837.

Thu., Oct. 2—"Midday Organ Recital." (The Memorial Church) Iris Lan '99, organ, with Ayano Ninomiya '01, violin. Adolphus Busch Hall, 29 Kirkland St., 12:15 p.m. Free and open to the public. Audience members are encouraged to bring a lunch.

Thu., Oct. 2—"University Hall Recital Series." (Music) Oni Buchanan, piano. Faculty Room, University Hall, 12:15 p.m.

Fri., Oct. 3—"Pusey Room Recital Series." (The Memorial Church) Wolfgang David, violin, and David Gompper, piano. Featuring music of Brahms, Debussy, Pärt, and Gompper. Pusey Room, the Memorial Church,

7:30 p.m. Free. carson_cooman@harvard.edu.

Thu., Oct. 9—"Midday Organ Recital." (The Memorial Church) David Enlow, organist and choirmaster, Church of the Resurrection, New York, New York, and the Juilliard School. Adolphus Busch Hall, 29 Kirkland St., 12:15 p.m. Free and open to the public. Audience members are encouraged to bring a lunch.

dance

Sat., Sept. 27—"Salad Days." (Harvard Dance Program, OfA) An evening of short dances satirizing our love affair with youth and the notion of glory days. Choreographed by Sara Hook with special guest artists. Harvard Dance Center, 60 Garden St., 8 p.m. Free. (617) 495-8683, dance@fas.harvard.edu, www.fas.harvard.edu/~dance/events.htm.

theater

American Repertory Theatre
Through Sat., Oct. 11—"Let Me Down Easy," written and performed by Anna Deavere Smith, is a journey in search of human qualities that are too seldom in the news — compassion, generosity, and grace in the face of a complex world. Directed by Eric Ting with new music elements composed by Joshua Redman.

—Performances take place at the Loeb Drama Center, various times. Ticket prices range from \$15-\$79 general; \$25 students; \$10 off for senior citizens; group discounts available. Hot Tix: Select performances to all productions have limited \$25 tickets available. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org.

Thu., Oct. 9-Sat., Oct. 11—"Ajax in Iraq," written by Ellen McLaughlin and directed by Scot Zigler, uses Sophocles' "Ajax" as a lens through which to view and interpret the current war in Iraq. World premiere presented by the A.R.T./MXAT Institute for Advanced Theatre Training. Discussions with Ellen McLaughlin will follow the 7:30 performances on Oct. 9 and 10, and also the 1:30 performance on Oct. 11.

—Performances take place at Zero Arrow Theatre, corner of Arrow St. and Mass. Ave. at 7:30 p.m. each night, with an additional matinee at 1:30 p.m. on Saturday. Tickets are \$10 general; \$5 students/senior citizens; free for A.R.T. subscribers. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org.

film

Mon., Sept. 29—"CES Undergraduate Board Movie Screening." (CES) Film TBA. Lower level conference room, CES, 27 Kirkland St., 6:30 p.m. eburumm@fas.harvard.edu.

Wed., Oct. 1—"The Axe in the Attic." (HSPH) Screening of the documentary "The Axe in the Attic" by Ed Pincus and Lucia Small. Co-director Small will introduce and talk about the film's development. Kresge Room 502, HSPH, 677 Huntington Ave., 5:30 p.m.

(Continued on next page)

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www.theaxeintheattic.com. See lectures, health sciences, for related event on Oct. 3. (617) 384-5411, www.hsph.harvard.edu/diversity.

Sat., Oct. 4—**“Little Fugitive.”** (Du Bois Institute) Screening of Joanna Lipper’s remake of the 1953 film “Little Fugitive.” 5:30 p.m. Q&A with Lipper after the screening. Reception to follow. (617) 495-8508, www.dubois.fas.harvard.edu.

Brazil Studies Program, DRCLAS
Film screenings take place in Tsai Auditorium, CGIS South, 1730 Cambridge St. Sponsored by the Brazil Studies Program, DRCLAS, and the Harvard Brazilian Organization.
Thu., Sept. 25—Kaurismäki’s **“Moro No Brasil”** (2002) at 6 p.m.

The Coyote’s Trail Film Series, DRCLAS
Film screenings take place in Tsai Auditorium, CGIS South, 1730 Cambridge St. Sponsored by Latin

Guidelines for listing events in Calendar

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

To place a listing

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

Addresses

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E-mail: calendar@harvard.edu

Deadlines

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

Online

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

Available space

Listings for ongoing exhibitions, health and fitness classes, support and social groups, and screenings and studies are provided on a space-available basis. Information not run in a particular issue will be retained for later use.
Screenings/studies and support group listings must be renewed by Jan. 5 or Aug. 30 to continue running for an additional term.

American Studies. chbarron@fas.harvard.edu, www.drclas.harvard.edu.
Thu., Sept. 25—Baker’s **“Estamos Aquí”** (2006) at 6 p.m. Followed by discussion with the directors.
Thu., Oct. 9—Hill’s **“Guest Worker”** (2006) at 6 p.m.

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

Thu., Sept. 25—No screenings
Fri., Sept. 26—Cinema of Warren Sonbert: **“A Concerto”** at 7 p.m. with introduction by Abigail Child
Sat., Sept. 27—Cinema of Warren Sonbert: **“Queer Sonbert”** at 7 p.m. with introduction by Ascension Serrano
Sun., Sept. 28—Cinema of Warren Sonbert: **“Sonbert and 1960s New York”** at 3 p.m. with introduction by Jon Gartenberg; **“What Kind of Editing Has Sonbert Discovered?”** at 8 p.m.
Mon., Sept. 29—Hammer’s **“Ballast”** at 7 p.m. with Lance Hammer in person. Special events tickets are \$10.

Tue., Sept. 30—Free VES screenings: **Silent short films** at 7 p.m.
Wed., Oct. 1—Free VES screening: **“Sunrise”** (1927) at 7 p.m.
Thu., Oct. 2—No screenings
Fri., Oct. 3—**Boston Latino International Film Festival**, www.bliff.org

Sat., Oct. 4—**Boston Latino International Film Festival**, www.bliff.org
Sun., Oct. 5—**Boston Latino International Film Festival**, www.bliff.org
Mon., Oct. 6—**Recent work** by Ute Aurand, Milena Gierke, and Renate Sami at 7 p.m. with directors in person. Special events tickets are \$10.

Tue., Oct. 7—Free VES screening: **“High Treason”** (1928) at 7 p.m.
Wed., Oct. 8—Free VES screening: **“Coney Island at Night”** (1903) and **“Metropolis”** (1926) at 7 p.m.
Thu., Oct. 9—No screenings
Fri., Oct. 10—Palestine Documentary Today: **“The Roof,” “Around,” and “Rico in the Night”** at 7 p.m.; **“33 Days”** and **“The Shooter”** at 9 p.m.

Movie Night at the Schlesinger Library
Films are screened in the Radcliffe College Room, Schlesinger Library, 10 Garden St. Refreshments served. Free and open to the public. (617) 495-8647, www.radcliffe.edu/schles/movie_night.aspx.
Wed., Oct. 1—James Brooks’ **“Spanglish”** at 6 p.m. Followed by discussion with Linda Schlossberg, Harvard University.

Real Colegio Complutense
Films are presented at Real Colegio Complutense, 26 Trowbridge St., in Spanish with English subtitles. Free and open to the public. (617) 495-3536, www.realcolegiocomplutense.harvard.edu.
Fri., Sept. 26—Buñuel’s **“Viridiana”** (1961) at 7:30 p.m.
Fri., Oct. 3—Saura’s **“Ay, Carmela!”** (1990) at 7:30 p.m.
Fri., Oct. 10—Huerga’s **“Salvador (Puig Antich)”** (2006) at 7:30 p.m.

radio

Harvard Radio WHRB (95.3 FM)
WHRB presents the finest in classical, jazz, underground rock, news, and sports programming, and has 24-hour live Internet streaming from its Web site. Program guide subscriptions are free. (617) 495-4818, mail@whrb.org, www.whrb.org.
“Hillbilly at Harvard”—Saturdays, 9 a.m.-1 p.m.

Living on Earth, National Public Radio’s journal of the environment, hosted by Steve Curwood, Department of Earth and Planetary Sciences, and

produced in cooperation with Harvard University, is aired on more than 270 NPR stations nationally and on more than 400 outlets internationally. In eastern Massachusetts, the program airs Sunday, 7 a.m., WBUR 90.9 FM. (617) 868-8810, loe@npr.org, www.loe.org.

exhibitions

Arnold Arboretum
“Jamaica Plain Open Studios: Artists in the Arboretum” features Arboretum-inspired work by local artists. Opening weekend: Sept. 27-28, 11:30 a.m.-6 p.m. (Through Oct. 10)
—*Lecture hall, Hunnewell Building, 125 Arborway, Jamaica Plain. (617) 524-1718, 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, 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 www.library.hbs.edu/hc/buildinghbs.*

Cabot Science Library
“Sublime Spectacle: Exploration and Geology in the Grand Canyon” shows what the canyon consists of and how it was formed, and also discusses the exploration of the canyon by scientists in the 19th century. Clarence Dutton’s “Atlas to Accompany the Tertiary History of the Grand Cañon District” will be on display. (Through Oct. 10)
—*Cabot Science Library, main floor. (617) 496-5534.*

Carpenter Center
“Lossless” is a video installation by Rebecca Baron and Douglas Goodwin. The series of five pieces looks at the dematerialization of film into bits, exposing the residual effects of the process that makes file sharing possible. The project considers the impact of the digital age on filmmaking and film watching and the materiality and demateriality of film as an artistic medium. There will be an opening reception Thu., Oct. 2, 5:30-6:30 pm. (Oct. 2-Dec. 7)
—*Sert Gallery, Carpenter Center, 24 Quincy St. Hours are Tue.-Sun., 1-5 p.m. (617) 495-3251, tblanch@fas.harvard.edu, www.ves.fas.harvard.edu.*

“New Faculty Show” features work by Sanford Biggers, Taylor Davis, Greg Halpern, David Lobser, and Catherine Lord. From film and video to mixed media sculpture to animation and photography, the work in this show highlights the intersections between contemporary art and contemporary technologies to address contemporary concerns. Reception Thu., Sept. 25, 5:30-6:30 p.m. (Through Oct. 23)
—*Main gallery, Carpenter Center, 24 Quincy St. Hours are Mon.-Sat., 9 a.m.-11 p.m.; Sun., noon-11 p.m. (617) 495-3251, tblanch@fas.harvard.edu, www.ves.fas.harvard.edu.*

Collection of Historical Scientific Instruments
“Time, Life, & Matter: Science in Cambridge” traces the development of scientific activity at Harvard, and explores how science was promoted or affected by religion, politics, philosophy, art, and commerce in the last 400 years. Featured objects include instru-

ments 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.*

Fine Arts Library
“An Invaluable Partner...’: From Fogg Museum Library to Fine Arts Library” presents a visual history of the collection from its beginnings in the 1927 Fogg building, through integration with Widener collections in 1962 and expansion into Werner Otto Hall in 1991. (Through Jan. 15)
—*Fine Arts Library. (617) 496-1502, rsennett@fas.harvard.edu.*

Graduate School of Design
“Buon Compleanno a Voi” celebrates the 500th anniversary of the birth of Andrea Palladio (1508-1580). The exhibit includes editions of his influential “I Quattro Libri dell’Architettura” ... including the first edition, published in Venice in 1570, and the first complete translation into Russian issued in Moscow in 1936. (Through Sept. 30)
—*Special Collections Department, lower level, Frances Loeb Library, GSD, 48 Quincy St. Hours are Mon.-Fri., 1-4:45 p.m. www.gsd.harvard.edu.*

“New Trajectories: Contemporary Architecture in Croatia and Slovenia” features thirteen design practices highlighting new generations of Croatian and Slovenian architects, in transition from communist Yugoslavia to capitalist countries, who have developed exceptional work that is both innovative and charged with the legacy of their own architectural heritage. (Through Oct. 5)
—*Gund Hall Gallery, GSD, 48 Quincy St. Free. bking@gsd.harvard.edu, www.gsd.harvard.edu.*

Graduate School of Education
“Out of Time” features new mixed media paintings by Judith Brassard Brown, Montserrat College of Art. (Through Sept. 26)
—*Gutman Library, GSE. www.judith-brassardbrown.com, <http://gseweb.harvard.edu/library/index.html>.*

“Splendid Scenes” features traditional Chinese paintings by Weicheng Huang, a graduate of the Yunnan Art Institute who has exhibited his works in China, Taiwan, and Canada. (Sept. 29-Oct. 17)
—*Gutman Library, GSE. www.gse.harvard.edu/library/spotlight/index.html.*

Harvard Art Museum
■ Sackler Museum
“Re-View” presents extensive selections from the Fogg, Busch-Reisinger, and Sackler museums together for the first time. The survey features Western art from antiquity to the turn of the last century, Islamic and Asian art, and European and American art since 1900. (Ongoing)

—*The Sackler Museum is located at 485 Broadway. The Harvard Art Museum is open Mon.-Sat., 10 a.m.-5 p.m.; Sun., 1-5 p.m. Admission is \$9; \$7 for senior citizens; \$6 for college students with ID; free to Harvard ID holders, Cambridge Public Library card holders, members, and to people under 18 years old; free to the public on Saturday mornings 10 a.m.-noon and every day after 4:30 p.m. Tours are given Mon.-Fri. at 12:15 and 2 p.m. (617) 495-9400, www.harvardart-museum.org. NOTE: The Fogg and Busch-Reisinger closed to the public on June 30 for a renovation project lasting approximately five years. The*

Calendar abbreviations

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

Belfer Center for Science and International Affairs	BCSIA
Bunting Society of Institute Fellows	BSIF
Center for American Political Studies	CAPS
Center for European Studies	CES
Center for Government and International Studies	CGIS
Center for Jewish Studies	CJS
Center for Middle Eastern Studies	CMES
Center for Population and Development Studies	CPDS
Center for Quality of Care Research and Education	QCARE
Center for the Study of Values in Public Life	CSVPL
Center for the Study of World Religions	CSWR
Committee for the Concerns of Women at Harvard-Radcliffe	CCW
Committee on African Studies	CAS
Committee on Degrees in Women’s Studies	CDWS
Committee on Inner-Asian and Altaic Studies	CIAAS
Committee on Iranian Studies	CIS
David Rockefeller Center for Latin American Studies	DRCLAS
Division of Biological Sciences	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 Astrophysics	CfA
Harvard University Center for the Environment	HUCE
Institute of Politics	IOP
Kennedy School of Government	HKS
Law School Human Rights Program	LSHRP
Law School Program in Jewish Studies	LSPJS
Office for Information Technology	OIT
Office of International Education	OIE
Office of Work and Family Philosophy of Education Research Center	PERC
Program on Information Resources Policy	PIRP
Program on International Conflict Analysis and Resolution	PICAR
Program on Nonviolent Sanctions and Cultural Survival	PNSCS
Program on U.S.-Japan Relations	USJRP
School of Engineering and Applied Sciences	SEAS
Technology & Entrepreneurship Center at Harvard	TECH
Trade Union Program	TUP
Ukrainian Research Institute	URI
United Ministry	UM
Weatherhead Center for International Affairs	WCFIA



Lucia Small & Ed Pincus/“The Axe in the Attic”



Sackler will remain open during the renovation.

Harvard Law School
“The Expected and Unexpected: Harvard Law School Library’s Special Collections” features material drawn from all collecting areas in Special Collections to showcase both the expected (early editions of legal texts and correspondence of Law School faculty), as well as the unexpected (beautiful book bindings that once seemed commonplace and early printed decorative initials that range from the enchanting and winsome to the macabre). (Through Sept. 30)
—*Harvard Law School Library, Caspersen Room, Langdell Hall, 4th floor. Hours are Mon.-Fri., 9 a.m.-5 p.m. (617) 495-4550, www.law.harvard.edu/library/collections/special/exhibitions/index.php.*

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)

“Language of Color” looks at the vastly different ways and reasons animals display color. This exhibition combines dramatic specimens from across the animal kingdom with computer interactives, hands-on activities, and a stunning display of live dart frogs. Visitors will learn how color and its perception have co-evolved, resulting in a complex and diverse palette used to camouflage, startle predators, mimic other animals, attract a mate, or intimidate a rival. (Sept. 26, 2008-Sept. 6, 2009)

“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)

“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 Flowers” created over five decades by glass artists Leopold and Rudolph Blaschka, 3,000 glass models of 847 plant species. (Ongoing)
—*The Harvard Museum of Natural*

Oct. 1 and 3

The Harvard School of Public Health, Harvard Medical School, and others present ‘Learning from Catastrophe: The Public Health Consequences of Katrina for New Orleans and the Mississippi Gulf Coast’ Friday, Oct. 3. The panel takes place in Auditorium G-2, HSPH, 677 Huntington Ave., at 3 p.m. Free and open to the public. There will be a related film screening and discussion of ‘The Axe in the Attic’ on Wednesday, Oct. 1. Call (617) 384-5411 or visit www.hsph.harvard.edu/diversity for details. See lectures, page 24, and film, page 21.

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; \$6 for senior citizens and students; \$7 for children 3 to 18 years old; free for children under 3 years old. Group rates available with advance reservations; call (617) 495-2341. Free admission (for Massachusetts residents only) on Sun. mornings 9 a.m.-noon, except for groups, and free admission on Wed. afternoons, Sept.-May, 3-5 p.m. Free admission with a Bank of America credit card on the first full weekend of every month. (617) 495-3045, www.hmn.harvard.edu.

Holyoke Center
“People and Places” features photographs by Jeanne Ramalho that represent some of her favorite moments in places she’s been, as well as some of her favorite people. (Through Oct. 8)
—*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
“His Name Stuck to Every Greatness”: Harvard University’s Charles Eliot Norton is a small centennial exhibition celebrating Norton’s library, which came to Harvard at his death, and the subscription fund raised by 581 graduates, the income from which is used to add to this famous collection of books and manuscripts. (Through Oct. 18)
—*Amy Lowell Room, Houghton Library. (617) 495-2441.*

“To Promote, To Learn, To Teach, To Please: Scientific Images in Early Modern Books” illustrates how images in early modern European books of science (1500-1750) were shaped not only by the needs of scientific communication but also by economic, social, and cultural considerations. Representative examples examine physical evidence both in the images themselves and in the books they illustrated. (Through Dec. 20)
—*Edison and Newman Room, Houghton Library. (617) 495-2444.*

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

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 March 2009)

“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 Sept. 29)

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

“Remembering Awatovi: The Story of an Archaeological Expedition in Northern Arizona, 1935-1939” goes behind the scenes of the last archaeological expedition of its kind at an ancient site sacred to the Hopi people. Part history of archaeology and part social history, the exhibit reveals what the archaeologists found in the village of Awatovi with its beautiful kiva murals and Spanish mission church, and how the archaeologists lived in “New Awatovi,” the camp they built for themselves beside the dig. The written and photographic records of “New Awatovi” add a new dimension to the discoveries of the dig itself. There will be an opening reception and booksigning Thu., Sept. 25, 5-7 p.m. See also Tozzer Library. (Sept. 25-March 30)

“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 Queese IMC, who have embraced the ethos of modern Native American heritage, transforming traditional materials, ideas and iconography into powerful contemporary art. (Through Oct. 19)

“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, www.peabody.harvard.edu.*

Pusey Library
“From the Amazon to the Volga: The Cartographic Representation of

Rivers” examines how mapmakers from the 15th century to the early 20th century sought to measure, track, and frame some of the major rivers of the world, including the Tigris and Euphrates, Amazon, Don, Danube, Nile, Congo, Rhine, Volga, and Mississippi. (Through Jan. 30)
—*Map Gallery Hall, Pusey Library. (617) 495-2417.*

“Theodore Roosevelt in Cartoon: The Verdict, 1898-1900.” (Through September 2008)
—*Theodore Roosevelt Gallery, Pusey Library. Mon.-Fri., 9 a.m.-4:45 p.m. (617) 384-7938.*

“Through the Camera Lens: Theodore Roosevelt and the Art of Photography” commemorates the 150th anniversary of Theodore Roosevelt’s birth. (Through May 2009)
■ Related lecture: Fri., Oct. 3—**“Distance in His Eyes.”** Ken Burns, Florentine Films, speaks on his upcoming feature film, “The National Parks: America’s Best Idea.” Sanders Theatre, 4 p.m. Free, no tickets required. Seating is limited; first-come, first-served.
—*Pusey Library corridor, including the Theodore Roosevelt Gallery. Mon.-Fri., 9 a.m.-4:45 p.m. (617) 384-7938.*

Resichauer Institute
“Tapestry in Architecture: Creating Human Spaces” features work by artist Mitsuko Asakura, well-known for her innovative combination of Japanese traditional dyeing and weaving with the techniques of Western tapestry. (Through Nov. 14)
—*Japan Friends of Harvard Concourse, CGIS South Building, 1730 Cambridge St. Hours are Mon.-Fri., 8 a.m.-8 p.m. www.fas.harvard.edu/~rijs.*

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.*

Tozzer Library
“Remembering Awatovi: The Story of an Archaeological Expedition in Northern Arizona, 1935-1939” goes behind the scenes of the last archaeological expedition of its kind at an ancient site sacred to the Hopi people. Part history of archaeology and part social history, the exhibit reveals what the archaeologists found in the village of Awatovi with its beautiful kiva murals and Spanish mission church, and how the archaeologists lived in “New Awatovi,” the camp they built for themselves beside the dig. The written and photographic records of “New Awatovi” add a new dimension to the discoveries of the dig itself. There will be an opening reception and booksigning Thu., Sept. 25, 5-7 p.m. See also Peabody Museum. (Sept. 25-March 30)
—*Tozzer Library Gallery, 21 Divinity Ave. (617) 495-2292, <http://hcl.harvard.edu/libraries/#tozzer>.*

lectures

art/design

Mon., Sept. 29—**“State of the**
(Continued on next page)

(Continued from previous page)
Nation's Housing 2008: A Harvard Release. (GSD) Brown bag lunch with Eric Belsky and Rachel Drew, Joint Center for Housing Studies. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 1 p.m. elizabeth_england@harvard.edu.

Tue., Sept. 30—**"Transitions and Transformations in Japanese Art."** (HAM) Anne Rose Kitagawa, Harvard Art Museum. Room 133, Barker Center, 4 p.m.

Tue., Sept. 30—**"The Art of Survival: Recovering Landscape Architecture."** (GSD) Kongjian Yu, Turescape and Peking University Graduate School of Landscape Architecture, Beijing. Piper Auditorium, Gund Hall, GSD, 6:30 p.m. Free and open to the public.

Wed., Oct. 1—**9th Annual John T. Dunlop Lecture. "Revolution in Mortgage Finance."** (GSD) Lewis S. Ranieri, Hyperion. Piper Auditorium, Gund Hall, GSD, 48 Quincy St., 6 p.m. elizabeth_england@harvard.edu.

Wed., Oct. 1—**"Yuyachkani."** (DRCLAS) Ana and Debora Correa, two of the main actresses of Yuyachkani, in a public dialogue with commentators Doris Sommer, Cultural Agents Initiative, and Nicolas Guagnini, Barnard College. Room S-030, CGIS Building, 1730 Cambridge St., 6 p.m. Talk will be in Spanish. artforum@fas.harvard.edu, www.fas.harvard.edu/~artforum.

Thu., Oct. 2—**"3 Architects: 3 Design Practices."** (GSD Loeb Fellows) James Brown, principal, Public Architecture, San Diego; Rob Lane, urban designer, Regional Plan Association, New York; and Heather Tremain, principal, reSource Rethinking Building, Vancouver. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 12:30 p.m. (617) 495-9345, syoung@gsd.harvard.edu.

Thu., Oct. 2—**"Abusively Subtitling 'Memories of Agano': A Friendly Collaboration."** (Carpenter Center) Abé Mark Nornes, University of Michigan. Location TBA, 4 p.m. (617) 495-3251.

Fri., Oct. 3—**"Next Generation: Design Matters."** (GSD Loeb Fellows) Roger Cummings, Juxtaposition Arts, Minneapolis; John Werner, Citizen Schools, Boston. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 12:30 p.m. (617) 495-9345, syoung@gsd.harvard.edu.

Fri., Oct. 3—**"Distance in His Eyes."** (Houghton Library) Ken Burns, Florentine Films, speaks on his upcoming feature film, "The National Parks: America's Best Idea." Sanders Theatre, 4 p.m. Free, no tickets required. Seating is limited; first-come, first-served. Harvard Box Office (617) 496-2222.

Mon., Oct. 6—**"Climate Change and Healthy Neighborhood Design."** (GSD Loeb Fellows) India Lee, Neighborhoods, Housing and Community Development, Cleveland Foundation; Edward Morris, The Canary Project, New York; and Susannah Saylor, The Canary Project, New York. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 12:30 p.m. (617) 495-9345, syoung@gsd.harvard.edu.

Tue., Oct. 7—**"Design for Sustainability and Preservation."** (GSD Loeb Fellows) Lin Wang, Shanghai Urban Planning Administration Bureau; and Dorji Yangki, Department of Culture for Bhutan. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 12:30 p.m. (617) 495-9345, syoung@gsd.harvard.edu.

Thu., Oct. 9—**"The Mazarin Chest Project: The Conservation, Science, and Material Culture of Japanese Export Lacquer."** (HAM) Rupert Faulkner, Victoria and Albert Museum, London. Room TBA, Sackler Museum, 4 p.m.

Thu., Oct. 9—**"Double Agency: Tafuri/Piranesi — The Remix."** (GSD)

Mark Rakatansky, principal, Mark Rakatansky Studio, and Columbia University. Piper Auditorium, Gund Hall, GSD, 6:30 p.m. Free and open to the public.

Thu., Oct. 9—**"Ajax in Iraq."** (A.R.T.) Post-performance discussion with Ellen McLaughlin, playwright. Zero Arrow Theatre, 7:30 p.m. Tickets are \$10 general; \$5 students/senior citizens; free for A.R.T. subscribers. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org. See theater.

Fri., Oct. 10—**"Ajax in Iraq."** (A.R.T.) Post-performance discussion with Ellen McLaughlin, playwright. Zero Arrow Theatre, 7:30 p.m. Tickets are \$10 general; \$5 students/senior citizens; free for A.R.T. subscribers. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org. See theater.

Sat., Oct. 11—**"Ajax in Iraq."** (A.R.T.) Post-performance discussion with Ellen McLaughlin, playwright. Zero Arrow Theatre, 1:30 p.m. Tickets are \$10 general; \$5 students/senior citizens; free for A.R.T. subscribers. Tickets are available through the A.R.T. Box Office (617) 547-8300, in person at the Loeb Drama Center Box Office, or www.amrep.org. See theater.

business/law

Thu., Sept. 25—**"Understanding the Crisis in the Markets: A Panel of Harvard Experts."** (Office of the President) Robert Kaplan, Jay Light, Gregory Mankiw, Robert Merton, Kenneth Rogoff, and Elizabeth Warren, all of Harvard University. Sanders Theatre, 4 p.m. Open to the Harvard community. There will be a live Webcast of the panel discussion at <http://video2.harvard.edu:8080/ramgen/broadcast/FinMktsPanel.rm>.

Fri., Sept. 26—**"Orientation to the East Asian Legal Studies Program."** (EALS) An opportunity to meet EALS faculty, staff, research fellows, and visiting scholars. Room 419, Pound Hall, HLS, 1563 Massachusetts Ave., 3 p.m.

Wed., Oct. 1—**"New Leaders in Philanthropy Series Seminar."** (Hauser Center) The Hon. David M. Walker, Peter G. Peterson Foundation. Bell Hall, Belfer Building, HKS, 79 JFK St., 3 p.m. RSVP to maryann_leach@harvard.edu.

Thu., Oct. 2—**"Health Care Policy in the 2008 Presidential Elections."** (Petrie-Flom Center, HLS) Debate featuring David Cutler, health care adviser to the Obama campaign, and Tomas Philipson, health care adviser to the McCain campaign. Ropes Gray, Pound Hall, HLS, noon. Lunch provided. (617) 496-4662, rdawes@law.harvard.edu, www.law.harvard.edu/programs/petrie-flom.

conferences

Through Thu., Sept. 25—**2008 Annual Genomics Conference. "Emerging Quantitative Issues in Parallel Sequencing."** (HMS, Program in Quantitative Genomics, HSPH, and others) Joseph B. Martin Conference Center, HMS, Tue.: 7-9 p.m.; Wed.: 8 a.m.-6:30 p.m.; and Thu.: 9 a.m.-3:45 p.m. (617) 432-7449, sandelma@hsph.harvard.edu. To register and submit an abstract: www.hsph.harvard.edu/research/pqg-annual-conference/index.html.

Wed., Oct. 22-Fri., Oct. 24—**"Defining New Frontiers to Eradicate Cancer."** (HMS) The latest advances in cancer research and treatment will be presented by leading researchers and clinicians from around the world. Featuring keynote speaker Philip A. Sharp, Nobel laureate. Joseph B. Martin Conference Center, HMS, 77 Avenue Louis Pasteur. Register online at www.bidmc-cancer-symposium.com or call (617) 337-9501 by Oct. 8.

environmental sciences

Wed., Oct. 1—**"Dynamic Pricing and**

Imperfect Competition in Electricity Markets." (HKS) Hunt Allcott, Harvard University. Room L-382, HKS, 79 JFK St., 4:10 p.m. (617) 496-8054, <http://isites.harvard.edu/icb/icb.do?keyword=k40206>.

Thu., Oct. 2—**"Rapid Climate Change in the Arctic: Why It Should Concern Us."** (Harvard Institute for Learning in Retirement) James J. McCarthy, Harvard University. Grossman Common Room, 51 Brattle St., 3:15 p.m. Free and open to the public.

Fri., Oct. 3—**"Distance in His Eyes."** (Houghton Library) Ken Burns, Florentine Films, speaks on his upcoming feature film, "The National Parks: America's Best Idea." Sanders Theatre, 4 p.m. Free, no tickets required. Seating is limited; first-come, first-served. Harvard Box Office (617) 496-2222.

Mon., Oct. 6—**"The Future of Energy."** (HUCE) John Rowe, Exelon Energy Corporation. Science Center D, 5 p.m. Free and open to the public. www.environment.harvard.edu.

ethics

Thu., Oct. 2—**"Neuroscience and Responsibility."** (Center for Ethics) Walter Sinnott-Armstrong, Dartmouth College. Starr Auditorium, HKS, 4:30 p.m.

health sciences

Thu., Sept. 25—**"Traditional Instrumental Variables Methods Versus Parametric Models for Comparing Antipsychotic Medications."** (HMS) A. James O'Malley, HMS. Room 10, Harvard Faculty Club, 20 Quincy St., 7:45 a.m. Breakfast will be served.

Thu., Oct. 2—**"Health Care Policy in the 2008 Presidential Elections."** (Petrie-Flom Center, HLS) Debate featuring David Cutler, health care adviser to the Obama campaign, and Tomas Philipson, health care adviser to the McCain campaign. Ropes Gray, Pound Hall, HLS, noon. Lunch provided. (617) 496-4662, rdawes@law.harvard.edu, www.law.harvard.edu/programs/petrie-flom.

Sat., Oct. 4—**Partners in Health 15th Annual Thomas J. White Symposium. "Pushing the Boundaries: Past, Present and Future."** (Harvard Box Office) Featuring speakers from Partners In Health partner projects around the world, including co-founders Paul Farmer and Ophelia Dahl. Sanders Theatre, 3 p.m. Free tickets (limit four per person, valid until 2:45 p.m.) Harvard Box Office (617) 496-2222.

Medical School

Fri., Sept. 26—**"Hematopoietic Stem Cell Niches and Expansion."** (HMS) Lingheng Li, Stowers Institute for Medical Research. Cannon Room, HMS, 1 p.m. elizabeth.solinga@chil-drens.harvard.edu.

Wed., Oct. 8—**Latino Health Forum. "My Epidemiological Epiphany About Diversity."** (HMS Office for Diversity and Community Partnership, Commonwealth Fund/Harvard University Fellowship in Minority Health Policy, Consortium of Harvard-affiliated Offices for Faculty Development and Diversity) David Hayes-Bautista, University of California, Los Angeles. Benjamin Waterhouse Room, Gordon Hall, HMS, 25 Shattuck St., 12:30 p.m. (presentation), 2 p.m. (reception). RSVP by Fri., Oct. 3, to (617) 432-4698 or melissa_alexis@hms.harvard.edu.

Wed., Oct. 22-Fri., Oct. 24—**"Defining New Frontiers to Eradicate Cancer."** (HMS) The latest advances in cancer research and treatment will be presented by leading researchers and clinicians from around the world. Featuring keynote speaker Philip A. Sharp, Nobel laureate. Joseph B. Martin Conference Center, HMS, 77 Avenue Louis Pasteur. Register online at www.bidmc-cancer-symposium.com or call (617) 337-9501 by Oct. 8.

Harvard School of Public Health

Tue., Sept. 30—**"Asthma — Cockroaches, Endotoxin and Air Pollution."** (Molecular and Integrative Physiological Sciences) Daniel Remick, Boston University School of Medicine and Boston Medical Center. Room 1302, Building 1, HSPH, 665 Huntington Ave., 9:30 a.m.

Wed., Oct. 1—**"The Axe in the Attic."** (HSPH) Screening of the documentary "The Axe in the Attic" by Ed Pincus and Lucia Small. Co-director Small will introduce and talk about the film's development. Kresge Room 502, HSPH, 677 Huntington Ave., 5:30 p.m. www.theaxeintheattic.com. See below for related event.

Fri., Oct. 3—**"Learning from Catastrophe: The Public Health Consequences of Katrina for New Orleans and the Mississippi Gulf Coast."** (HSPH Office of Diversity, HMS Office for Diversity and Community Partnership, Cambridge Health Alliance) William (Scott) Griffies, Louisiana State University and LSU Psychiatric Emergency Service, New Orleans; Roberta Avila, Mississippi Coast Interfaith Disaster Task Force; Jed Horne, author, former city editor, The Times-Picayune; Jacques Morial, Louisiana Justice Institute; Ichiro Kawachi, HSPH; and Robert Blendon, HSPH. Auditorium G-2, HSPH, 677 Huntington Ave., 3 p.m. Free and open to the public. (617) 384-5411, www.hsph.harvard.edu/diversity. See above for related event on Oct. 1.

Mon., Oct. 6—**"Health Inequalities: Gendered Puzzles and Conundrums."** (CPDS) Gita Sen, Indian Institute of Management, Bangalore, India. Kresge G-2, HSPH, 5:30 p.m. Reception prior to lecture at Sebastian's, Kresge Building, 4:30 p.m. Free and open to the public. RSVP to (617) 495-8498 or caugustin@hsph.harvard.edu. www.hsph.harvard.edu/cpds.

Tue., Oct. 7—**"How Fragile Is a Cell?"** (Molecular and Integrative Physiological Sciences) Enhua Zhou, HSPH. Room 1302, Building 1, HSPH, 665 Huntington Ave., 9:30 a.m.

Tue., Oct. 7—**"Grand Re-opening of the Harvard Center for Population and Development Studies."** (CPDS) Open house at CPDS, 9 Bow St., 1:30-3:30 p.m. Program at Charles Hotel, 1 Bennett St., 4 p.m. Free and open to the public. RSVP to (617) 384-8985, events@hsph.harvard.edu, www.hsph.harvard.edu/cpds.

humanities

Thu., Sept. 25—**"Songs for the Soul: Music as Prayer for the World."** (HDS) Ben Tousley, chaplain. CSWR Common Room, 42 Francis Ave., noon. Soup provided; please bring your own beverage. (617) 384-7571, jvonwald@hds.harvard.edu.

Thu., Sept. 25—**"Tsen Brider: A Russian-Jewish Folksong Becomes a Concentration Camp Requiem."** (CES) Joshua R. Jacobson, Northeastern University. Cabot Room, CES, 27 Kirkland St., 4:15 p.m. Free and open to the public. phyllisalbert@comcast.net.

Thu., Sept. 25—**"The Early 'Stages of the Path' Literature in Tibet: On the Transition from Oral Instructions to Written Works."** (Sanskrit and Indian Studies) Ulrike Roesler, University of Marburg. Room 317, One Bow St., 5 p.m.

Thu., Sept. 25—**"Moral Worlds and Religious Subjectivities."** (CSWR) Michael Jackson and Charles Hallisey, HDS; responses by Ronald Thiemann, HDS, and Mark Jordan, Emory University. Thompson Room, Barker Center, 12 Quincy St., 5:15 p.m. (617) 495-4476, www.hds.harvard.edu/cswr/index.html.

Thu., Sept. 25—**"El Conde Alarcos in the Construction of Nineteenth-Century 'Cuban Identity.'"** (DRCLAS) José María Aguilera Manzano, Florida International University. Room S-250,

2nd floor, CGIS South, 1730 Cambridge St., 6 p.m. karl@fas.harvard.edu, www.drclas.harvard.edu/events.

Thu., Sept. 25—**"Melmoth, the Wanderer: A Gothic Example of the Classical Tradition."** (Real Colegio Complutense) Ana González-Rivas Fernández, UCM. Conference room, RCC, 26 Trowbridge St., 7:30 p.m. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

Mon., Sept. 29—**"The Short Shelf Life and Mysterious Demise of 'Saranasila.'"** (Harvard Buddhist Studies Forum, HDS) Lilian Handlin, independent historian. Room 133, Barker Center, 12 Quincy St., 4:15 p.m.

Tue., Sept. 30—**"Grace in the Dark."** (Humanities Center, A.R.T.) Anna Deavere Smith, actress, in a post-performance conversation. Loeb Drama Center, 64 Brattle St., 9:15 p.m. See theater. www.fas.harvard.edu/~humcentr.

Wed., Oct. 1—**"Reconstructing (Neo)Confucianism in a 'Glocal' Postmodern and Postcolonial Context."** (Humanities Center) Wang Nin. Room 133, Barker Center, 12 Quincy St., 5 p.m. www.fas.harvard.edu/~humcentr.

Wed., Oct. 1—**The Alain LeRoy Locke Lectures. "Deconstructing Opera, Creating Opera in a Post-Colonial World."** (Du Bois Institute) Anthony Davis, University of California, San Diego. Lecture 1 of 3: "Why Opera? Composition as a Subversive Act or the 'Decolonialization' of Art Music." Thompson Room, Barker Center, 12 Quincy St., 5 p.m. Q&A and reception to follow. (617) 495-8508, www.dubois.fas.harvard.edu.

Wed., Oct. 1—**"Ritual Killing: Death, Alterity and the Sacred in Shang China."** (Asia Center, GSAS, Anthropology, East Asian Languages and Civilizations) Roderick Campbell, Brown University. Peabody Museum 14A, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Wed., Oct. 1—**"Money and the Sacred: B. Laum's Hypothesis on the Origins of Money."** (CSWR) Jan Sokol, CSWR and Charles University, Prague. CSWR Common Room, 42 Francis Ave., 7 p.m. (617) 495-4476, www.hds.harvard.edu/cswr/index.html.

Thu., Oct. 2—**The Alain LeRoy Locke Lectures. "Deconstructing Opera, Creating Opera in a Post-Colonial World."** (Du Bois Institute) Anthony Davis, University of California, San Diego. Lecture 2 of 3: "The Trickster — The Recurring Role of the Trickster, Dancing on the Cultural Divide, Playing with the Post-Modern, Retelling History." Thompson Room, Barker Center, 12 Quincy St., 4 p.m. Q&A and reception to follow. (617) 495-8508, www.dubois.fas.harvard.edu.

Thu., Oct. 2—**"Rules, Regresses and Rational Belief."** (Philosophy) Crispin Wright, NYU and University of St. Andrews. Room 305, Emerson Hall, 4 p.m.

Thu., Oct. 2—**"Abusively Subtitling 'Memories of Agano': A Friendly Collaboration."** (Carpenter Center) Abé Mark Nornes, University of Michigan. Location TBA, 4 p.m. (617) 495-3251.

Thu., Oct. 2—**"Neuroscience and Responsibility."** (Center for Ethics) Walter Sinnott-Armstrong, Dartmouth College. Starr Auditorium, HKS, 4:30 p.m.

Thu., Oct. 2—**"Black Music, Ownership, and Value."** (Music) Ron Radano, University of Wisconsin, Madison. Davison Room, Music Building, 5:15 p.m.

Thu., Oct. 2—**"Undergraduate Event on 'Elite Education.'"** (Humanities Center) Tsai Auditorium, CGIS South Building, 1730 Cambridge St., 6 p.m. www.fas.harvard.edu/~humcentr.

Fri., Oct. 3—**The Alain LeRoy Locke Lectures. “Deconstructing Opera, Creating Opera in a Post-Colonial World.”** (Du Bois Institute) Anthony Davis, University of California, San Diego. Lecture 3 of 3: “Referentiality: Memory and Subtext: The Resonance in Cultural Memory, Creating Time, Place, and Attitude.” Thompson Room, Barker Center, 12 Quincy St., 4 p.m. Q&A and reception to follow. (617) 495-8508, www.dubois.fas.harvard.edu.

Fri., Oct. 3—**“Maintaining the Mystique: The Literary Legacy of the Reizei Family, 1300-2008.”** (Reischauer Institute) Steven Carter, Stanford University. Porté Room S250, CGIS South, 1730 Cambridge St., 4 p.m. www.fas.harvard.edu/~rijs.

Mon., Oct. 6—**“Art, Life, and Tradition in Viktor Domontovych’s Novel ‘Bez gruntu.’”** (URI) Taras Koznarsky, University of Toronto and fellow, URI. Room S-050, CGIS South Building, 1730 Cambridge St., 4 p.m. (617) 495-4053, www.huri.harvard.edu/calendar.html.

Tue., Oct. 7—**““20 Questions’ for Kiku Adatto.”** (Humanities Center) “20 Questions” with Kiku Adatto. Thompson Room, Barker Center, 12 Quincy St., 6 p.m. www.fas.harvard.edu/~humcentr.

Tue., Oct. 7—**“Dove va l’Italia? Riflessioni di Dante Della Terza.”** (Romance Languages and Literatures, Humanities Center) Dante Della Terza, Harvard University. Barker Center 114, 7:30 p.m.

Wed., Oct. 8—**“Culture Contact and Social Change Along Ancient China’s Southwestern Frontier in the First Millennium BCE.”** (Asia Center, GSAS, Anthropology, East Asian Languages and Civilizations) Alice Yao, University of Toronto. Peabody Museum 14A, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Thu., Oct. 9—**“Who Is Asking? Living Words, Attentive Silence, and the Koan of Zen ‘Prayer.’”** (HDS) Steve Kanji Ruhl, Zen Buddhist minister. CSWR Common Room, 42 Francis Ave., noon. Soup provided; please bring your own beverage. (617) 384-7571, jvonwald@hds.harvard.edu.

information technology
Wed., Oct. 1—**“Computing in Alfonso’s Universe.”** (IIC) Brian Hayes, American Scientist magazine. Room 330, 60 Oxford St., 4 p.m. <http://iic.harvard.edu>.

poetry/prose
Tue., Sept. 30—**“A Poetry Reading by Seamus Heaney.”** (English) Seamus Heaney, poet, Nobel laureate. Sanders Theatre, 4:30 p.m. Free and open to the public. Free tickets (limit four per person and valid until 4:15 p.m.) available through the Harvard Box Office (617-496-2222) as of Sept. 16.

Tue., Oct. 7—**“Poetry Reading by Rae Armantrout.”** (English) Rae Armantrout. The Plimpton Room, Barker Center, 6 p.m. Free and open to the public.

Thu., Oct. 16—**“Cambridge READS.”** (Harvard Box Office) Presentation by Julia Alvarez, author of “How the Garcia Girls Lost Their Accents,” followed by Q&A session. Sanders Theatre, 7:30 p.m. Free tickets (limit four per person, valid until 7:15 p.m.) available beginning Oct. 4. Harvard Box Office (617) 496-2222. Tickets also available at the Cambridge Public Main Library and Harvard Bookstore. www.cambridgereads.org.

science
Thu., Sept., 25—**“Seeing Through the Brain: Neural Processing in the Larval Zebrafish.”** (Molecular & Cellular Biology) Florian Engert. Sherman Fairchild 102, noon.

Thu., Sept. 25—**“Materials and Processes for Flexible Electronics.”** (Woodward Lectures in the Chemical

Sciences, Harvard/MIT Physical Chemistry Seminar) Zhenan Bao, Stanford University. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 5 p.m.

Thu., Sept. 25—**“Nature’s Palette: The Biological Significance of Color.”** (HMNH) Exhibit opening lecture by Hopi Hoekstra, Museum of Comparative Zoology. HMNH, 26 Oxford St., 6 p.m. Free and open to the public. www.hmnh.harvard.edu.

Thu., Oct. 2—**“Exploring Electron Transfer: From Simple Photochemistry to Energy Conversion.”** (Woodward Lectures in the Chemical Sciences, Physical Chemistry Seminar) Troy van Voorhis, MIT. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Thu., Oct. 2—**“The State of Cognitive Neuroscience: Accomplishments and Prospects.”** (MBB) Speakers include Alfonso Caramazza, Stephen Kosslyn, Daniel Schacter, and Marc Hauser (moderator), all of Harvard University. Location TBA, 4 p.m.

Thu., Oct. 2—**“Neuroscience and Responsibility.”** (Center for Ethics) Walter Sinnott-Armstrong, Dartmouth College. Starr Auditorium, HKS, 4:30 p.m.

Sun., Oct. 5—**“Tuna: A Love Story.”** (HMNH) Richard Ellis, author. HMNH, 26 Oxford St., 2 p.m. Booksigning to follow. Free with admission. (617) 495-2773, www.hmnh.harvard.edu.

Mon., Oct. 6—**“Transition Metal-Catalyzed Carbon-Carbon and Carbon-Heteroatom Bond-Forming Processes: Progress, Applications and Mechanistic Studies.”** (Max Tishler Prize Lecture) Stephen Buchwald, MIT. Pfizer Lecture Hall, Mallinckrodt Labs, 12 Oxford St., 4 p.m.

Mon., Oct. 6—**“Reading Between the Spectral Lines: Revealing Interactions Within Living Cells.”** (Radcliffe Institute) Carol Robinson, University of Cambridge, England. Room 102, Sherman Fairchild Building, 7 Divinity Ave., 4:15 p.m. Free and open to the public. (617) 495-8600, www.radcliffe.edu.

Tue., Oct. 7—**“Elephant Eggs & Remarkable Nests.”** (HMNH) Rosamond Purcell, photographer. HMNH, 26 Oxford St., 6 p.m. Booksigning to follow. Free and open to the public. (617) 495-2773, www.hmnh.harvard.edu.

social sciences
Thu., Sept. 25—**“Deciding Not To Kill: Local-level Processes of Ethnic Cleansing in WWII Bosnia.”** (Belfer Center’s International Security Program) Brown bag seminar with Emily Greble Balic, fellow, Remarque Institute, NYU. Nye B, 5th floor, Taubman Building, HKS, 12:15 p.m. Coffee and tea provided. <http://belfer-center.ksg.harvard.edu/events/3685/>.

Thu., Sept. 25—**“Understanding the Crisis in the Markets: A Panel of Harvard Experts.”** (Office of the President) Robert Kaplan, Jay Light, Gregory Mankiw, Robert Merton, Kenneth Rogoff, and Elizabeth Warren, all of Harvard University. Sanders Theatre, 4 p.m. Open to the Harvard community. There will be a live Webcast of the panel discussion at <http://video2.harvard.edu:8080/ramgen/broadcast/FinMktsPanel.rm>.

Thu., Sept. 25—**“Tsen Brider: A Russian-Jewish Folk song Becomes a Concentration Camp Requiem.”** (CES) Joshua R. Jacobson, Northeastern University. Cabot Room, CES, 27 Kirkland St., 4:15 p.m. Free and open to the public. phyllisalbert@comcast.net.

Thu., Sept. 25—**“Visit of Swiss Foreign Minister.”** (CES, Harvard Committee for Human Rights Studies, and others) Micheline Calmy-Rey, Swiss foreign minister. Lower level conference room, CES, 27 Kirkland St., 6 p.m. Free and open to the public.

RSVP required to beerman@fas.harvard.edu.

Thu., Sept. 25—**“El Conde Alarcos in the Construction of Nineteenth-Century ‘Cuban Identity.’”** (DRCLAS) José María Aguilera Manzano, Florida International University. Room S-250, 2nd floor, CGIS South, 1730 Cambridge St., 6 p.m. karl@fas.harvard.edu, www.drclas.harvard.edu/events.

Fri., Sept. 26—**“‘A Japanese in Every Jet’: Gender, Mobility, and Modernity in Postwar Japan.”** (Reischauer Institute) Christine R. Yano, University of Hawaii. Room S-050, CGIS South, 1730 Cambridge St., 4 p.m. www.fas.harvard.edu/~rijs.

Fri., Sept. 26—**“CES Undergraduate Board Open House.”** (CES) Atrium/Garden, CES, 27 Kirkland St., 5 p.m. Refreshments served. gemorris@fas.harvard.edu.

Sun., Sept. 28—**“What Does the Next President Need To Know?: Making Mideast Peace.”** (St. Paul Parish) Rev. Raymond G. Helmick. St. Paul Parish, 29 Mount Auburn St., 3:30 p.m. Reception to follow.

Mon., Sept. 29—**“State of the Nation’s Housing 2008: A Harvard Release.”** (GSD) Brown bag lunch with Eric Belsky and Rachel Drew, Joint Center for Housing Studies. Stubbins Room 112, Gund Hall, GSD, 48 Quincy St., 1 p.m. elizabeth_england@harvard.edu.

Mon., Sept. 29—**“Poles, Hutsul Highlanders, and the ‘Discovery’ of the Eastern Carpathians between the Two World Wars.”** (URI) Patrice Dabrowski, independent scholar and fellow, URI. Room S-050, CGIS South Building, 1730 Cambridge St., 4 p.m. (617) 495-4053, www.huri.harvard.edu/calendar.html.

Mon., Sept. 29—**“Edward. W. Wagner and His Legacy: Toward New Horizons in the Research of Korean History.”** (Korea Institute) Special 50th anniversary lecture in celebration of Edward W. Wagner’s appointment at Harvard. Sun Joo Kim, Harvard University. Belfer Case Study Room S020, CGIS South Building, 1730 Cambridge St., 4:15 p.m.

Mon., Sept. 29—**“Bulgaria as a Stabilizing Factor in South-East Europe and the Black Sea Region.”** (Kokkalis Program, CES) His Excellency Sergei Stanishev, prime minister of the Republic of Bulgaria. Nye ABC, Taubman Building, HKS, 79 JFK St., 4:30 p.m. Free and open to the public. www.hks.harvard.edu/kokkalis/.

Tue., Sept. 30—**“Searching for the Micro-Foundations of Self-Governance in Latin America: Field Experiments in Bogota, Buenos Aires, Caracas, Lima, Montevideo and San Jose.”** (DRCLAS, WCFA) Juan Camilo Cardenas, visiting professor, DRCLAS. 1730 Cambridge St., noon. Discussion to follow. smtesor@fas.harvard.edu.

Wed., Oct. 1—**“Ritual Killing: Death, Alterity and the Sacred in Shang China.”** (Asia Center, GSAS, Anthropology, East Asian Languages and Civilizations) Roderick Campbell, Brown University. Peabody Museum 14A, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Wed., Oct. 1—**9th Annual John T. Dunlop Lecture. “Revolution in Mortgage Finance.”** (GSD) Lewis S. Ranieri, Hyperion. Piper Auditorium, Gund Hall, GSD, 48 Quincy St., 6 p.m. elizabeth_england@harvard.edu.

Wed., Oct. 1—**“Movie Night at the Schlesinger Library.”** (Schlesinger Library, Radcliffe Institute) Screening of James Brooks’ “Spanglish,” followed by discussion with Linda Schlossberg, Harvard University. Radcliffe College Room, Schlesinger Library, 10 Garden St., 6 p.m. Refreshments served. Free and open to the public. (617) 495-8647, www.radcliffe.edu/schles/movie_night.aspx.

Wed., Oct. 1—**“Is America Possible? A Journey of Hope.”** (Cambridge Forum) Vincent Harding, theologian. First Parish, 3 Church St., 7:30 p.m. Reception at 6:30 p.m. Free and open to the public.

Thu., Oct. 2—**“Health Care Policy in the 2008 Presidential Elections.”** (Petrie-Flom Center, HLS) Debate featuring David Cutler, health care adviser to the Obama campaign, and Tomas Philipson, health care adviser to the McCain campaign. Ropes Gray, Pound Hall, HLS, noon. Lunch provided. (617) 496-4662, rdawes@law.harvard.edu, www.law.harvard.edu/programs/petrie-flom.

Thu., Oct. 2—**“Knowing Thy Adversary: Assessments of Intentions in International Politics.”** (Belfer Center’s International Security Program) Brown bag seminar with Keren Yarhi-Milo, research fellow, ISP. Belfer Center Library, Littauer 369, HKS, 12:15 p.m. Coffee and tea provided. <http://belfercenter.ksg.harvard.edu/events/3703/>.

Thu., Oct. 2—**“Whither Palestine? Defining a New Political Construct for a New National Era.”** (WCFA, CMES) Husam Zomlot, visiting scholar, CMES, PLO representative to the UK, 2003-08. Bowie-Vernon Room N-262, WCFA, CGIS Knafel Building, 1737 Cambridge St., 4 p.m.

Thu., Oct. 2—**“Why Does the U.S.-Korea Alliance Exist Today? Continuity and Change in the Relationship.”** (Korea Institute) Jae-Jung Suh, Johns Hopkins University, and chaired by Carter J. Eckert, Harvard University. Room S050, CGIS South Building, 1730 Cambridge St., 4 p.m.

Thu., Oct. 2—**“The Beijing Olympics.”** (Fairbank Center) Susan Brownell, University of Missouri, St. Louis, and author. Room S020, CGIS South, 1730 Cambridge St., 4 p.m. (617) 495-4046, gestewar@fas.harvard.edu.

Thu., Oct. 2—**“American Power: Why the Declinists Are Wrong, Again.”** (WCFA) Robert Lieber, Georgetown University. Room N262, CGIS, 1737 Cambridge St., 4 p.m.

Thu., Oct. 2—**“Assessment of Attention in Children: An Ecological Approach.”** (Real Colegio Complutense) Elena Pérez Hernández. Conference room, RCC, 26 Trowbridge St., 7:30 p.m. Free and open to the public. www.realcolegiocomplutense.harvard.edu.

Fri., Oct. 3—**“Learning from Catastrophe: The Public Health Consequences of Katrina for New Orleans and the Mississippi Gulf Coast.”** (HSPH Office of Diversity, HMS Office for Diversity and Community Partnership, Cambridge Health Alliance) William (Scott) Griffies, Louisiana State University and LSU Psychiatric Emergency Service, New Orleans; Roberta Avila, Mississippi Coast Interfaith Disaster Task Force; Jed Horne, author, former city editor, The Times-Picayune; Jacques Morial, Louisiana Justice Institute; Ichiro Kawachi, HSPH; and Robert Blendon, HSPH. Auditorium G-2, HSPH, 677 Huntington Ave., 3 p.m. Free and open to the public. (617) 384-5411, www.hsph.harvard.edu/diversity. See film for related event on Oct. 1.

Sat., Oct. 4—**Partners In Health 15th Annual Thomas J. White Symposium. “Pushing the Boundaries: Past, Present and Future.”** (Harvard Box Office) Featuring speakers from Partners In Health partner projects around the world, including co-founders Paul Farmer and Ophelia Dahl. Sanders Theatre, 3 p.m. Free tickets (limit four per person, valid until 2:45 p.m.) Harvard Box Office (617) 496-2222.

Tue., Oct. 7—**“Report from Buenos Aires.”** (DRCLAS, WCFA) Marysa Navarro, Dartmouth College and visiting scholar, DRCLAS. 1730 Cambridge St., noon. Discussion to follow. smtesor@fas.harvard.edu.

Tue., Oct. 7—**“Remix: Indigenous Identities Today.”** (Peabody Museum) Talk by Harvard student curators Tanner Amdur-Clark, Caitlin Finch, and LeRenzo Tolbert-Malcolm. Peabody Museum, 11 Divinity Ave., 5:30 p.m. Free. (617) 496-1027, www.peabody.harvard.edu. See also exhibitions.

Wed., Oct. 8—**“Culture Contact and Social Change Along Ancient China’s Southwestern Frontier in the First Millennium BCE.”** (Asia Center, GSAS, Anthropology, East Asian Languages and Civilizations) Alice Yao, University of Toronto. Peabody Museum 14A, 11 Divinity Ave., 5 p.m. miller9@fas.harvard.edu.

Wed., Oct. 8—**“Crunch: Feeling Squeezed in Today’s Economy.”** (Cambridge Forum) Jared Bernstein, Living Standards Program, Economic Policy Institute. First Parish, 3 Church St., 7:30 p.m. Booksigning to follow. Free and open to the public.

Thu., Oct. 9—**“1968 Revisited: Brazilian Social Movement under the Military Dictatorship.”** (Brazil Studies Program, DRCLAS) Conversa with Victoria Langland, University of California, Davis, and Christopher Dunn, Tulane University; moderated by June Carolyn Erlick, DRCLAS. Room S-050, CGIS South, 1730 Cambridge St., 12:15 p.m.

classes etc.

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

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

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

Classes and special events
■ Sat., Sept. 27, and Sat., Oct. 18—**“Propagating Trees and Shrubs from Cuttings and Seeds.”** Jack Alexander, Arnold Arboretum. 9 a.m.-4 p.m. Fee: \$215 general; \$180 member.

■ Sat., Oct. 4—**“Fall Planting and Winter Care of Trees and Shrubs.”** Jen Kettell, Arnold Arboretum. 10 a.m.-noon. Fee: \$30 general; \$25 member.

■ Sun., Oct. 19—**“Take a Hike!”** With Nancy Sableski, Arnold Arboretum. 1:30-3:30 p.m. Appropriate for children ages 6-12 with an accompanying adult. Bring water and a snack and wear sneakers or hiking boots. Free, no registration necessary.

■ Sun., Oct. 26—**“Fall Foliage Festival.”** Go leaf-peeping at the Arboretum. Featuring guided tours, autumn treats like apples and cider, music, storytelling, and more. Hunnewell Visitor Center Lawn, 125 Arborway, Jamaica Plain, noon-4 p.m. Free. (617) 524-1718.

The **Center for Astrophysics** will offer a focus group/study on astronomy for people who like astronomy and are curious about the universe. Join experts for an hour and a half of discussion on astronomical images and be a part of a new study on how NASA creates their astronomical imagery. Food, drinks, and souvenirs provided. Open to the public. <http://astroart.cfa.harvard.edu>.

■ Wed., Dec. 3—**“Astronomy Focus Group.”** Phillips Auditorium, CfA, 3 p.m. Register at <http://astroart.cfa.harvard.edu/focus>.

The **Center for Workplace Development** offers a wide variety of *(Continued on next page)*

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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.

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

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

The Harvard Art Museum 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 Friend members of the Art Museums. For more information, advance registration, or information on how to become a Friend, call (617) 495-4544. www.harvardartmuseum.org. See also lectures, art/design.

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

Harvard Course in Reading and Study Strategies offered by the Bureau of Study Counsel. Through readings, films, and classroom exercises, students learn to read more purposively, selectively, and with greater speed and comprehension. A 14-day course for one hour/day over a period of a few weeks. Cost is \$150. Fall sessions will be held Oct. 14-Nov. 6, Mon., Tue., Thu., Fri., 4 p.m.; and Oct. 15-Nov. 14, Mon., Wed., Fri., 8 a.m. 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/>.

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

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

Harvard Medical School's Research Imaging Solutions at Countway. (617) 432-7472, ris@hms.harvard.edu, <http://it.med.harvard.edu/training>.

■ Tue., Oct. 7, Tue., Nov. 4, and Thu., Dec. 11—**"Creating Figures for Publications and Presentations Using Photoshop and PowerPoint."** Countway Library, HMS, 9 a.m.-1 p.m. Prerequisites: Basic computer skills and some familiarity with PowerPoint. Free and open to Harvard employees and HMS affiliates. Classes are limited to six students and fill up quickly; registration required at http://it.med.harvard.edu/pg.asp?pn=training_classes.

■ Fri., Oct. 3—**"Imaging Essentials."** New Research Building 335, HMS, noon. Free and open to Harvard employees and HMS affiliates. No registration necessary.

■ Wed., Oct. 22—**"Designing Reliable On-Screen Presentations."** Countway Library 424, HMS, noon. Free and open to Harvard employees and HMS affiliates. No registration necessary.

Harvard Museum of Natural History offers a variety of programs based on the Museum's diverse exhibits. The entrance for all programs is 26 Oxford St. **Enrollment is limited, and advance registration is required.** Sign up for three or more classes and get an extra 10 percent off. Wheelchair accessible. (617) 495-2341, www.hmnh.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., Sept. 25—"Nature's Palette: The Biological Significance of Color." Exhibit opening lecture by Hopi Hoekstra, Museum of Comparative Zoology. HMNH, 26 Oxford St., 6 p.m. Free and open to the public.

Sun., Oct. 5—"Tuna: A Love Story." Richard Ellis, author. HMNH, 26 Oxford St., 2 p.m. Booksigning to follow. Free with admission. (617) 495-2773.

Tue., Oct. 7—"Elephant Eggs & Remarkable Nests." Rosamond Purcell, photographer. HMNH, 26 Oxford St., 6 p.m. Booksigning to follow. Free and open to the public. (617) 495-2773.

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

■ Thu., Oct. 2, 9, 16—"Following Your Inner Path to Joy." Three workshop sessions by Sarah Dornin, 5:30-7 p.m. Pre-register by Sept. 30 to neighbors@harvard.edu.

■ Fri., Oct. 3—"Wine Tasting 101." 5:30-8 p.m. Fee: \$15 per person. Limited to 14; registration and pre-payment required.

■ Sat., Oct. 4—"Apple Picking Trip." Bus trip to Parlee Orchard, 10 a.m.-2 p.m. Free transportation. Reservation required by Oct. 1; e-mail neighbors@harvard.edu.

■ Fri., Oct. 17—"Easy As Pie!" Learn how to make the perfect pie, noon-1:30 p.m. Fee: \$5. Limited to 12; registration required to neighbors@harvard.edu.

■ Sun., Oct. 19—"Visit the Mega Maze." 10 a.m.-3 p.m. Bus trip to Davis Farmland in Sterling, Mass. Best for children ages 6 and older. Fee: \$10 per person approximately. Registration and pre-payment required to neighbors@harvard.edu.

■ Fri., Oct. 24—"Cork and Fork Evening." 5:30-8:30 p.m. Fee: \$25 per person. Limited to 12; registration and pre-payment required.

■ Sat., Oct. 25—"Tour of the Cambridge Firehouse." 10-11 a.m. Rain or shine. Free but reservations required at neighbors@harvard.edu.

■ Tue., Oct. 28—"Beer Tasting Party at Harvard's Queen's Head Pub." 5:30-7:30 p.m. RSVP requested to neighbors@harvard.edu.

■ Fri., Oct. 31—"Happy Halloween!" 10 a.m.-noon. Dress up. Fee: \$2. neighbors@harvard.edu.

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

■ **Fall/winter registration is open:** Classes began Sept. 8 for fall semester and will begin Nov. 6 for winter semester. Winter early registration deadline is Oct. 10. Registration is first-come, first-served.

■ Thu., Sept. 25—"Going Green: Constructing an Environmentally Engineered Home and Landscape." Marie Stella, Landscape Institute.

Landscape Institute, 30 Chauncy St., 6 p.m. RSVP to landscape@arnarb.harvard.edu by Sept. 19.

■ Sat., Oct. 4—"Fall Field Trip to World's End." World's End, Hingham, Mass., 10:30 a.m.-12:30 p.m. Kigkeith@aol.com.

■ Wed., Oct. 8—"NELDHA Slide Slam!" Landscape Institute, 1 p.m. \$5 general; free to NELDHA members. Kff245@aol.com.

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

Mather House Pottery Class begins Tue., Sept. 30, and will meet weekly on Tuesdays, 7-9 p.m. in the Mather House Pottery Studio. The 10-session course is designed for all levels of experience, taught by Pamela Gorgone. Fee: \$65 Harvard affiliates; \$55 Mather residents. The fee includes the Tuesday night classes, all clay and glazes, and access to the studio. (617) 495-4834.

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

Learning from Performers
■ Mon., Oct. 6—"A Master Class with André Previn." André Previn, conductor, composer, and pianist. Junior Common Room, Kirkland House, 95 Dunster St., 3 p.m. Free and open to the public. Co-sponsored by the Harvard Music Society of Kirkland House and the Harvard Piano Society.

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

■ **Fall Term 2008** courses, visiting artist master classes, and firing workshops began the week of Sept. 22. Registration forms and course information are available at 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>.

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, www.hms.harvard.edu/hr/owf.html.

■ Thu., Sept. 25, and Thu., Oct. 2—"The College Application Process Demystified: What Parents Need to Know." Mia Louik, independent consultant. Pre-register at barbara_wolf@hms.harvard.edu.

■ Wed., Oct. 1—"Are You Having Difficulty Managing Your Debt?" Robert E. Currier, American Consumer Credit Counseling. Co-sponsored by Work/Life Liaison, HSPH. Pre-register at barbara_wolf@hms.harvard.edu.

■ Tue., Oct. 7—"Solving Your Child's Homework Hassles." Barbara Meltz, author, former Boston Globe columnist. Pre-register at barbara_wolf@hms.harvard.edu.

■ Thu., Oct. 23—"Doggy Dos and Don'ts." Amy Koel, dog trainer. Pre-register at barbara_wolf@hms.harvard.edu.

■ Tue., Oct. 28, or Thu., Nov. 20, or Thu., Dec. 11—"Buying Your First Home: Tips To Assist You with This Process." Susan Keller, Harvard Faculty Real Estate Services. Pre-register at 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-mail.harvard.edu, <http://hul.harvard.edu/rmo>.

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., Tue., Thu., and Fri., 9 a.m.-5 p.m.; Wed., 10 a.m.-5 p.m. Closed Sat. and Sun. Science Center B11. (617) 495-5450, www.computers.harvard.edu.

The Harvard College Library offers hands-on instruction in using the HOLIS 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., Sept. 25-Fri., Sept. 26—"September Blood Drive." (Harvard Blood Drive, Harvard Friends of the American Red Cross) Donate blood and receive a free T-shirt and Panera gift certificate. Enter to win Red Sox tickets. Thu.: Sheraton Commander, 16 Garden St., 11 a.m.-5 p.m.; Fri.: Adams House, 26 Plympton St., 11 a.m.-5 p.m. www.hcs.harvard.edu/red-cross/index.html.

Thu., Sept. 25—"Fall Reception." (Harvard Gay and Lesbian Caucus) Cambridge Queen's Head, Loker Commons, Memorial Hall, 45 Quincy St., 7-10 p.m. Free admission (ages 18+ to enter, 21+ to drink), cash bar, driver's license ID required. Undergraduates, graduate students, alumni, faculty, staff, Harvard affiliates, and their guests welcome. www.harvardstudentagencies.com/cqh.

Thu., Oct. 2—"The 18th First Annual Ig Nobel Prize Ceremony." (Harvard Box Office) The ceremony honors achievements that first make people laugh, and then make them think. The new winners will be handed their prizes by genuinely bemused Nobel laureates. Sanders Theatre, 7:30 p.m. Tickets are \$39/\$36 general; \$34/\$31 students. Harvard Box Office (617) 496-2222. www.improbable.com.

Thu., Oct. 2-Sun., Oct. 5—"The Irma Bailey Native American Arts and Crafts Show and Sale." (Peabody Museum) A selection of Native American-crafted silver and turquoise jewelry, baskets, ceramics, and rugs — handmade work rarely displayed in the Northeast. Featuring antique and contemporary works by Hopi, Navajo, Pueblo, and Zuni artists. Peabody Museum, 11 Divinity Ave., 9 a.m.-5 p.m. daily. Free with museum admission. (617) 496-1027, www.peabody.harvard.edu.

Mon., Oct. 6—"A Master Class with André Previn." (Learning from Performers, OfA, Harvard Music Society of Kirkland House, Harvard Piano Society) André Previn, conductor, composer, and pianist. Junior Common Room, Kirkland House, 95 Dunster St., 3 p.m. Free and open to the public. (617) 495-8676, www.fas.harvard.edu/~ofa.

Thu., Oct. 16—"Cambridge READS." (Harvard Box Office) Presentation by Julia Alvarez, author of "How the Garcia Girls Lost Their Accents," followed by Q&A session. Sanders Theatre, 7:30 p.m. Free tickets (limit four per person, valid until 7:15 p.m.) available beginning Oct. 4. Harvard Box Office (617) 496-2222. Tickets also available at the Cambridge Public Main Library and Harvard Bookstore. www.cambridgereads.org.

fitness

Harvard Wellness Programs
For a recorded listing of programs, (617) 495-1771. For a registration form, (617) 495-9629, www.huhs.harvard.edu.

Massage Therapy, 1-Hour Appointments
One-hour appointments with Licensed Massage Therapists Mondays-Fridays, afternoon and evening appointments, limited morning appointments Saturdays, morning, afternoon, and evening appointments Sundays, morning and afternoon appointments 75 Mt. Auburn St., HUHS Call (617) 495-9629 to arrange Fee is \$60/hr; \$40/hr for HUGHP members

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

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

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

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

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

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

Acupuncture, 1-Hour Appointments
One-hour appointments with Jeffrey Matrician, Lic. Ac. Tuesdays and Fridays, morning and afternoon appointments 75 Mt. Auburn St., 2E, HUHS Call (617) 495-9629 to arrange (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.

Weight Watchers at Work at HDS classes are available Fridays, 10-10:45 a.m. in the CSWR conference room, 42 Francis Ave. There will be an information and registration meeting Fri., Sept. 26. (617) 495-4513.

religion

The Memorial Church

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

Sunday Services

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

Sept. 28—The Rev. Dr. Dorothy A. Austin, Sedgwick Associate Minister and chaplain, the Memorial Church
Oct. 5—The Rev. Martin B. Copenhaver, senior pastor, Wellesley Congregational Church

Morning Prayers

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

Thu., Sept. 25—Diana Louise Eck, professor of comparative religion and Indian studies, master of Lowell House
Fri., Sept. 26—Timothy Patrick McCarthy, adjunct lecturer in public policy, HKS

Sat., Sept. 27—Timothy A. Pantoja, M.Div. '09, seminarian, the Memorial Church

Mon., Sept. 29—Bernard Steinberg, president and director, Harvard Hillel

Tue., Sept. 30—Ali S. Asani, professor of Indo-Muslim Cultures and Islamic Civilizations, Harvard University

Wed., Oct. 1—Noam D. Elkies, professor of mathematics, Harvard University

Thu., Oct. 2—Evelynn M. Hammonds, Barbara Gutmann Rosenkrantz Professor of the History of Science and of African and African American Studies, Harvard University
Fri., Oct. 3—Cameron Van Patterson, Ph.D. candidate, Harvard University

Sat., Oct. 4—Andrew C. Forsyth MTS '09, seminarian in the Memorial Church

Mon., Oct. 6—Suzy M. Nelson, associate dean of residential life, Harvard College

Tue., Oct. 7—Paul Barreira, director of behavioral health and academic counseling, HUHS

Wed., Oct. 8—Benjamin Isaac Rapoport '03, MD-Ph.D. candidate, HMS and MIT

Thu., Oct. 9—Heidi Eunjip Kim '09, Harvard College

Special events

■ Thu., Oct. 9—"Vocations Dinner." All undergraduates considering a career in ministry are invited to a dinner with the Rev. Professor Peter Gomes. The Memorial Church, 7:30 p.m. RSVP to jonathan_page@harvard.edu.

Compline

The ancient service of Compline is held one Thursday a month during term. Based upon the traditional evening liturgy of scripture, music, prayers, and silence, this twenty-minute service is sung in the candlelit

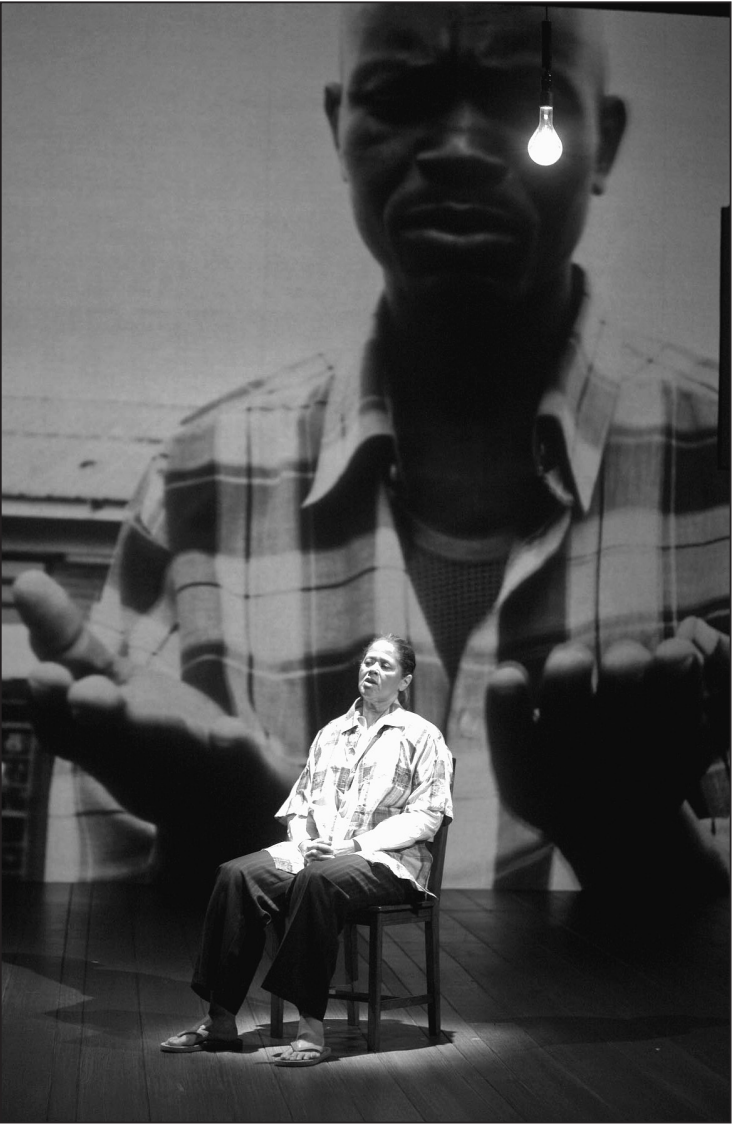


Photo by Michael Lutch

space of Appleton Chapel by members of the Harvard University Choir. All are welcome.

■ Thu., Oct. 2, Nov. 6, Dec. 4, and Jan. 8 at 10 p.m.

Sunday Night Student Service

All undergraduate and graduate students are welcome to attend a worship service every Sunday night at 9 p.m. in Appleton Chapel with the Rev. Jonathan C. Page. The service lasts 45 minutes and includes weekly Eucharist, singing, and student participation. Students are encouraged to come dressed as they are and are invited to remain for food and fellowship. E-mail jonathan_page@harvard.edu for details.

Wednesday Tea

On Wednesdays during Term, Professor Gomes welcomes undergraduates, graduate students, and visiting scholars to afternoon tea from 5-6 p.m. at his residence, Sparks House, 21 Kirkland St., across from Memorial Hall.

Undergraduate Fellowship

An opportunity for students to meet, enjoy food, and discuss faith. Meetings take place Wednesdays at 9:30 p.m. in the Buttrick Room, Memorial Church. E-mail jonathan_page@harvard.edu for details.

Graduate Fellowship

A new fellowship group for graduate students with discussions, food, contemplative worship, and more. Meetings take place Thursdays at 7 p.m. E-mail robfirstpres@gmail.com for details.

Berkland Baptist Church

99 Brattle St., Harvard Sq. (617) 828-2262, dancho@post.harvard.edu

■ Sunday School: Sun., 12:15 p.m.
■ Worship Service: Sun., 1 p.m.
Berkland Baptist Church is a community of faith, primarily comprised of young Asian American students and professionals.

Cambridge Forum

The First Parish in Cambridge, Unitarian Universalist, 3 Church St., (617) 495-2727, www.cambridgeforum.org.

Christian Science Organization meets in the Phillips Brooks House every Tue. at 7 p.m. for religious readings and testimonies. (617) 876-7843.

The Church at the Gate

Sunday services: 4 p.m.
www.thechurchatthegate.com
The Church at the Gate will see people of all nations transformed by faith in Jesus Christ as we love and serve God and people in the strategic context of the city and the university.

The Church of Jesus Christ of Latter-day Saints

2 Longfellow Park (located at about 100 Brattle St.)
Sunday Worship Services: 9:30 a.m., 11:30 a.m., 2 p.m., 3:50 p.m.
All are welcome. The congregations that meet at these times are composed of young, single students and professionals. For information on family congregation meeting places and times, or for information on other classes and events, e-mail 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 www.ruachisrael.org for more information. Rides from Harvard Square available upon request.

Divinity School Chapel

45 Francis Ave. (617) 495-5778
Services are held during the fall and spring terms only.
■ HDS Wednesday Noon Service: 12:10 p.m. (617) 384-7571, jvonwald@hds.harvard.edu
■ HDS Thursday Morning Eucharist: 8:30-9 a.m.

■ Thu., Sept. 25—"Songs for the Soul: Music as Prayer for the World." Ben Tousley, chaplain. CSWR Common Room, 42 Francis Ave., noon. Soup provided; please bring your own beverage. (617) 384-7571, jvonwald@hds.harvard.edu.

■ Thu., Oct. 9—"Who Is Asking? Living Words, Attentive Silence, and the Koan of Zen 'Prayer.'" Steve Kanji Ruhl, Zen Buddhist minister. CSWR Common Room, 42 Francis Ave., noon. Soup provided; please bring your own

Through Oct. 11

The American Repertory Theatre presents 'Let Me Down Easy,' written and performed by Anna

Deavere Smith, through Saturday, Oct. 11. Smith's

collection of interviews with doctors, patients,

physicists, musicians, athletes, journalists, philoso-

phers, health care professionals, and religious lead-

ers are the source of this play — a journey in search

of compassion, generosity, and grace in the face of a

complex world. See the-ater, page 21.

LEFT: Anna Deavere

Smith as Jean Damascene

Uwikijijie

beverage. (617) 384-7571, jvonwald@hds.harvard.edu.

Dzogchen Center Cambridge meets every Monday evening at 7:30 p.m. for Tibetan Buddhist Dzogchen practice at Cambridge Friends Meeting House, Longfellow Park, off Brattle St. (718) 665-6325, www.dzogchen.org/cambridge.

Episcopal Divinity School

"Introductory Meditation Classes: Finding Peace in a Busy World."

Introduction to basic Buddhist philosophy and meditation. Each class includes a brief talk, guided meditation, and time for questions. Taught by Gen Kelsang Choma, American Kadampa Buddhist nun, resident teacher of Serlingpa Meditation Center. Burnham Chapel, Episcopal Divinity School, 99 Brattle St., 10:30 a.m.-noon. \$10 suggested donation. epc@serlingpa.org, www.MeditationinBoston.org.

First Baptist Church in Newton

848 Beacon St.
Newton Centre, MA 02459
(617) 244-2997
www.fbcnewton.org
Sunday worship at 10:30 a.m.; Sunday School at 9:30 a.m.
Corner of Beacon and Centre streets, accessible via MBTA's D Line, two blocks from the Newton Centre stop.

First Reformed Presbyterian Church of Cambridge (RPCNA)

53 Antrim St.
Cambridge, MA 02139
(617) 864-3185
www.reformedprescambridge.com
Sunday worship at 11 a.m. and 6 p.m.
Christian counseling available by appointment.

First United Presbyterian Church (PCUSA)

1418 Cambridge St.
Inman Square
(617) 354-3151
www.cambridgepres.com
Sunday Worship at 10 a.m.
Weekly small group for young adults; pallikk@fas.harvard.edu.

Fo Guang San 'V International Buddhist Progress Society holds a traditional service every Sunday at 10 a.m. with a free vegetarian lunch. 950

Massachusetts Ave. Open Mon.-Sun., 10 a.m.-6 p.m. for meditation. (617) 547-6670.

Grace Street Church (Cambridge Foursquare Church) holds a Sunday evening service at 7 p.m. Washburn Hall, Episcopal Divinity School, 99 Brattle St. (617) 233-9671, graces-treet.org.

Harvard Buddhist Community Chaplain Lama Migmar Tseten offers teachings and meditation sessions at the Sakya Institute for Buddhist Studies, 59 Church St., Unit 3, Harvard Square. (617) 256-3904, migtse@earthlink.net, www.sakya.net.

■ Sundays: "In-Depth Teachings on the Four Noble Truths," 10 a.m.-noon. Fee: \$15 per class.

■ Tuesdays: Mind training course, "Seven Points of Mind Training," 6-7 p.m. (practice), 7:30-9 p.m. (class). Fee: \$15 per class.

■ Fridays: "Uttaratantra," 6-7 p.m. (practice), 7:30-9 p.m. (class). Fee: \$15 per class.

■ Sundays, Sept. 21-Oct. 19: Meditation training course, level I, "Instruction and Practice of the Nine Stages of Shamatha Meditation," 1:30-3 p.m. Fee: \$15 per session.

Harvard Unitarian Universalist

Ministry for Students

Weekly worship: Fridays at 12:15 p.m. Services are held during the fall and spring terms only. The first Friday of the month meet in Emerson Chapel, Divinity Hall. The remaining Fridays meet in Andover Chapel, Andover Hall. All are welcome. <http://groups.yahoo.com/group/huum> s/.

Hope Fellowship Church holds worship service Sundays at 9 a.m. and 11 a.m., 16 Beech St. (617) 868-3261, www.hopefellowshipchurch.org.

Old South Church, United Church of Christ, Congregational

Copley Square, (617) 425-5145, helen@oldsouth.org

■ Sundays: 9 a.m. early service; 11 a.m. sanctuary service with organ and choir

■ Thursdays: Jazz worship service at 6 p.m.

St. Mary Orthodox Church

8 Inman St., Cambridge
(617) 547-1234
<http://www.stmaryorthodoxchurch.org/>
■ Sunday Orthros: 8:45 a.m.
■ Sunday Divine Liturgy: 10 a.m.
■ Great Vespers: Saturdays at 5 p.m.

St. James Episcopal Church

1991 Massachusetts Ave. (2 blocks beyond Porter Square T station)
www.stjames-cambridge.org
Sunday services at 8 a.m. (Rite 1) and 10:30 a.m. (Rite 2)
A musically vibrant, eucharist-centered, welcoming, and diverse congregation.

Unity Center Cambridge

Sunday services: 11 a.m. (meditation at 10:30 a.m.)
Morse School Theater, 40 Granite St., Cambridgeport (accessible by red line, green line and buses), www.unitycambridge.org
Unity Center Cambridge is a new spiritual community that emphasizes practical teachings and integrates wisdom across a range of spiritual traditions. All are welcome.

Unity Church of God

6 William St., Somerville, 3 blocks up College Ave. from Davis Sq., (617) 623-1212, www.unitychurchofgod.org
■ 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

(Continued on next page)

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11 a.m. service, at Harvard Square (in front of the Holyoke Center, at 1250 Mass. Ave., next to the cab stand). Senior pastor, Dave Schmelzer. (617) 252-0005, www.cambridgevineyard.org.

WomenChurch, an imaginative community for women, meets the first Thursday of each month (during the fall and spring terms only) at 7 p.m. in Andover Chapel at HDS on Francis Ave. All women are welcome. E-mail mfurness@hds.harvard.edu for information.

United Ministry
The following churches and organizations are affiliated with the United Ministry and offer worship and social services. Call for details.

Anglican/Episcopal Chaplaincy at Harvard
2 Garden St. (617) 495-4340 episcopal_chaplaincy@harvard.edu
Eucharist Sundays at 5 p.m. at the Christ Church Chapel (behind the church at Zero Garden St.), followed by fellowship supper at 6 p.m. in the Chaplaincy Common Room. Episcopal Students at Harvard: www.hcs.harvard.edu/~esh/ for an updated list of student activities and events. A ministry of the Episcopal Diocese of Massachusetts and the worldwide Anglican Communion.

Christ the King Presbyterian Church
99 Prospect St.
Cambridge, Mass.
Sundays: Services in English at 10:30 a.m. and in Brazilian Portuguese at 6 p.m.
(617) 354-8341, office@ctkcambridge.org, www.ctkcambridge.org

Harvard Bahá'í Student Association
bahai@hcs.harvard.edu
All events are open to the public. Please write to bahai@hcs.harvard.edu for more information, or subscribe to our announcement list at <http://lists.hcs.harvard.edu/mailman/listinfo/bahai-list>.

Harvard-Epworth United Methodist Church
1555 Massachusetts Ave.
Cambridge, Mass.
(617) 354-0837
www.harvard-epworth.org
■ Communion service: 9 a.m.
■ Christian education hour for all ages: 10 a.m.
■ Worship service: 11 a.m.

Harvard Hindu Fellowship Meditation Group is led by Swami Tyagananda, Harvard Hindu chaplain from the Ramakrishna Vedanta Society. Meets Mondays, 7-8 p.m., in the Mather House Tranquility Room. Swami_tyagananda@harvard.edu.

Harvard Islamic Society
Harvard Islamic Society Office. (617) 496-8084
www.digitas.harvard.edu/~his
Five daily prayers held in the basement of Canaday E.
Friday prayers held in Lowell Lecture Hall at 1:15 p.m.

Harvard Korean Mission meets on Fridays for Bible Study Group at 7 p.m., and on Sundays for ecumenical worship at 2 p.m. in the Harvard-Epworth United Methodist Church, 1555 Massachusetts Ave. (617) 441-5211, rkahng@hds.harvard.edu.

H-R Asian Baptist Student Koinonia
Friday Night Bible study: Boylston Hall 105, 7 p.m., every Friday. Join us as we continue our study of the Gospel of Matthew this year.
Frosh Mid-Week at Loker 031, 7:30-8:30 p.m., every Wednesday, Freshmen only.
iskandar@fas.harvard.edu, www.hcs.harvard.edu/~absk.

H-R Catholic Student Center
Saint Paul Church, 29 Mt. Auburn St.
Student Mass: Sun., 5 p.m., Lower Church.

Harvard Hillel
52 Mt. Auburn St. (617) 495-4696
www.hillel.harvard.edu
■ Reform Minyan: Fri., 5:30 p.m.

■ Orthodox Minyan: daily, 7:30 a.m. and 15 minutes before sundown; Sat., 9 a.m. and 1 hour before sundown
■ Conservative Minyan: Mon. and Thu., 8:45 a.m.; Fri., 5:45 p.m.; Sat., 9:30 a.m., 1:45 p.m., and 45 minutes after sundown.
■ Worship and Study Minyan (Conservative): Sat., 9:30 a.m.

H-R Humanist Chaplaincy
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, www.cambridgeportbaptist.org.

First Church in Cambridge (United Church of Christ) holds a traditional worship service Sundays at 11 a.m. and an alternative jazz service Sunday afternoons at 5:30 p.m. Located at 11 Garden St. (617) 547-2724.

Lutheran — University Lutheran Church, 66 Winthrop St., at the corner of Dunster and Winthrop streets, holds Sunday worship at 10 a.m. through Labor Day weekend and 9 and 11 a.m. Sept. 10-May, with child care provided. UniLu Shelter: (617) 547-2841.
Church and Student Center: (617) 876-3256, www.unilu.org.

Old Cambridge Baptist Church, 1151 Mass. Ave. and 400 Harvard St. (behind the Barker Center and the Inn at Harvard), holds Sunday morning worship at 10:30 a.m. Please join this inclusive, progressive congregation in the American Baptist tradition. www.oldcambridgebaptist.org, (617) 864-8068.

Swedenborg Chapel: Church of the New Jerusalem
(617) 864-4552, <http://swedenborgchapel.org/>
Located at the corner of Quincy St. and Kirkland St.
■ Bible Study, Sundays at 10 a.m.
■ Services, Sundays at 11 a.m.
■ Community Dinner, Thursdays at 6 p.m.
■ Swedenborg Reading Group, Thursdays at 7 p.m.

Cambridgeport Baptist Church, (617) 576-6779
Christ Church, (617) 876-0200
Episcopal Chaplaincy, (617) 495-4340
First Parish in Cambridge, Unitarian Universalist, (617) 495-2727
Harvard-Epworth United Methodist Church, (617) 354-0837
Old Cambridge Baptist Church, (617) 864-8068
St. Paul Church, (617) 491-8400
Swedenborg Chapel, (617) 864-4552
The Memorial Church, (617) 495-5508

support/social

Support and Social groups are listed as space permits.

The **Berkman Center for Internet and Society Thursday Meetings @ Berman**, a group of blogging enthusiasts and people interested in Internet technology, meets at the Berkman Center on the second floor of 23 Everett St., Cambridge, on Thursday evenings at 7 p.m. People of all experience levels and 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 inter-

ested in spending about three hours per week working with high school juniors and seniors in West Roxbury. Interested students should call (917) 257-6876 or e-mail asamuels@law.harvard.edu.

Harvard's EAP (Employee Assistance Program) provides free, confidential assessment and referral services and short-term counseling to help you work through life's challenges. Harvard faculty, staff, retirees, and their household members can access the following services throughout the U.S. and Canada 24 hours a day, 7 days a week: confidential assessment, information, referral; consultation to supervisors around employee well-being, behavior, or performance; individual and group support around a workplace crisis, serious illness, or death; and on-site seminars. In addition, Harvard's EAP can help with workplace conflicts, personal and family relationships, eldercare planning, legal consultations, financial counseling and planning, sexual harassment, workplace and domestic violence, alcohol and drug use, and more. To schedule an appointment near your office or home, call the EAP's toll-free number at **1-EAP-HARV (1-877-327-4278)**. Counselors are available to answer your calls from 8:30 a.m. to 7 p.m. Monday through Thursday, and from 8:30 a.m. to 5 p.m. on Friday; urgent calls will be answered by crisis clinicians round the clock. You may also visit www.wellnessworklife.com for further information and access to other resources available to you as a Harvard employee (there is a one-time confidential registration process; please visit www.harvie.harvard.edu for login instructions).

Harvard Lesbian/Bisexual/Transgender/Queer Women's Lunch is a chance for lesbian/bi/trans/queer women staff and faculty at Harvard to meet informally for lunch and conversation. Meetings take place 12:30-1:30 p.m. in the graduate student lounge on the 2nd floor of Dudley House. You can bring lunch or buy at Dudley House. E-mail ochs@fas.harvard.edu, dmorley@fas.harvard.edu, or linda_schneider@harvard.edu for more information.

■ **Next meeting: Wed., Oct. 1**

Harvard Gay and Lesbian Caucus
■ Thu., Sept. 25—“**Fall Reception.**” Cambridge Queen's Head, Loker Commons, Memorial Hall, 45 Quincy St., 7-10 p.m. Free admission (ages 18+ to enter, 21+ to drink), cash bar, driver's license ID required. Undergraduates, graduate students, alumni, faculty, staff, Harvard affiliates, and their guests welcome. www.harvardstudentagencies.com/cqh.

Harvard Lesbian, Gay, Bisexual & Transgender Faculty & Staff Group. (617) 495-8476, ochs@fas.harvard.edu, www.hglc.org/resources/faculty-staff.html.

Harvard Student Resources, a division of Harvard Student Agencies, employs a work force of more than 300 students to provide temporary clerical work, housecleaning, tutoring, research, moving, and other help at reasonable rates. **HSA Cleaners**, the student-run dry cleaning division of Harvard Student Agencies, offers 15 percent off cleaning and alterations for Harvard employees. (617) 495-3033, www.hsa.net.

Harvard Student Spouses and Partners Association (HSSPA) Spouses Support Group is a social group where you can meet other spouses who might help you to get used to your new situation as a spouse or partner at Harvard University. Our support group meets weekly all year long. Please e-mail spousesupport@gmail.com for location and time of meetings and check www.hsspa.harvard.edu for events.

Harvard Toastmasters Club helps you improve your public speaking skills in a relaxed environment. For Harvard students from all Schools and programs. Meetings are Tuesdays, 7-8 p.m., in the Center for Public

Leadership, Taubman Building, HKS. jkhartshorne@gmail.com.

The Harvard Trademark Program has redesigned its Web site to better meet the needs of the public and members of the Harvard community who are seeking information about the Harvard Trademark Program's licensing activities and trademark protection efforts as well as information regarding the various policies governing the proper use of Harvard's name and insignias. trademark_program@harvard.edu, www.trademark.harvard.edu.

Harvard Veterans Alumni Organization is open to all members of the Harvard University community who are, or have served, in the U.S. military. Visit www.harvardveterans.org for information and to participate.

LifeRaft is an ongoing drop-in support group where people can talk about their own or others' life-threatening illness, or about their grief and bereavement. Life Raft is open to anyone connected with the Harvard Community: students, faculty, staff, retirees, and families. Life Raft is free and confidential and meets on Wednesdays, noon-2 p.m. in the Board of Ministry Conference Room on the ground floor of the Memorial Church. Come for 10 minutes or 2 hours. (617) 495-2042, bgilmore@uhs.harvard.edu.

Office of Work/Life Resources offers a variety of programs and classes. (617) 495-4100, worklife@harvard.edu, <http://harvie.harvard.edu/workandlife>. See classes for related programs.

■ **Parent-to-Parent Adoption Network at Harvard.** If you would like to volunteer as a resource, or if you would like to speak to an adoptive parent to gather information, call (617) 495-4100. All inquiries are confidential.

On Harvard Time is Harvard's new, weekly 7-minute news show that will cover current news from a Harvard perspective. Online at www.hrtv.org, 7 p.m. onharvardtime@gmail.com.

Recycling Information Hotline: The Facilities Maintenance Department (FMD) has activated a phone line to provide recycling information to University members. (617) 495-3042.

Smart Recovery is a discussion group for people with problems with addiction. Programs are offered at Mt. Auburn Hospital, Massachusetts General Hospital, McLean Hospital, and other locations. (781) 891-7574.

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

The University Ombudsman Office is an independent resource for problem resolution. An ombudsman is *confidential*, *independent*, and *neutral*. The ombudsman can provide confidential and informal assistance to faculty, fellows, staff, students, and retirees to resolve concerns related to their workplace and learning environments. A visitor can discuss issues and concerns with the ombudsman without committing to further disclosure or any formal resolution. Typical issues include disrespectful or inappropriate behavior, faculty/student relations, misuse of power or unfair treatment, authorship or credit dispute, sexual harassment or discrimination, stressful work conditions, career advancement, overwork, disability, or illness. The office is located in Holyoke Center, Suite 748. (617) 495-7748, www.universityombudsman.harvard.edu.

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.
Acne Study: Researchers seek people 12 years of age and older with facial acne to determine the safety and effectiveness of an investigational drug for acne. The study consists of five visits over 12 weeks and subjects will receive up to \$200 in compensation for time and travel. Study visits are required approximately every two to four weeks. Participants will have to stop all other treatments for acne except emollients approved by the study doctor. (617) 726-5066, harvardskinstudies@partners.org.

Cocaine Usage Study: Researchers seek healthy men ages 21-35 who have used cocaine occasionally for a two-visit research study. Subjects will be administered cocaine and either flu-tamide 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.

Brain Imaging Study: Researchers seek healthy women ages 24-64 who are non-smoking for a three-visit research study. Subjects will undergo MRIs and blood sampling. Up to \$175 compensation upon completion of the screening visit and study days. (617) 855-3293, (617) 855-2883. Responses are confidential.

Brain Imaging Study: Researchers seek healthy volunteers ages 21-35 for a six-visit study investigating how sedative-type drugs affect the brain. Participants must be willing to have an MRI and make multiple visits. Compensation up to \$625. Round-trip transportation provided. (617) 855-2359.

Depression Study: Researchers seek women ages 18-55 with depression and insomnia for medication study. Receive up to \$600. Call (617) 789-2165 or e-mail bostondepression@gmail.com and refer to “Lunesta study.”

Depression Study: Researchers seek healthy men ages 21-50 for a 12-week study that involves taking two FDA-approved antidepressant medications (Celexa and Lexapro), as well as a placebo. Each of the three medications is taken individually for two weeks. There are a total of eight visits during the course of the study, including three MRI brain scans. Compensation up to \$800. All personal information is confidential. Call (617) 789-2404 or e-mail bostondepression@gmail.com and refer to “Celexa and Lexapro study.”

Diabetes and Hypertension Study: Researchers seek participants ages 18-75 with type 2 diabetes mellitus and high blood pressure, no heart attack or stroke in the last six months, no history of ECG abnormalities, and no history of gastrointestinal issues for a 14-day research study. Women must be either postmenopausal or surgically sterilized. The study will include three inpatient days over the course of two separate admissions. Subjects will receive intravenous infusions on three different mornings to study the kidney's response to the rennin inhibitor aliskiren. Compensation of \$1,000 upon study completion. (617) 732-6901, hhassett@partners.org, esampong@partners.org.

Healthy Women Study: Researchers seek healthy women ages 18-40 who have regular menstrual cycles and are not taking medications (including birth control pills). Payment provided. (617) 726-8437, cwelt@partners.org.

HIV and Brain Functioning Study: Researchers seek volunteers ages 18-59 who are HIV+ and taking HIV medications for a study investigating HIV and brain functioning. The study involves two daytime office visits and an MRI scan. Compensation up to \$150. Call (617) 855-2359 and mention “Project Brain.” All calls confidential.

Opportunities



Job listings posted as of September 25, 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>.

harvard.edu. There are also job postings available for viewing in the Longwood Medical area, 25 Shattuck St., Gordon Hall Building. For more information, please call 432-2035.

This is only a partial listing. For a complete listing of jobs, go to <http://www.employment.harvard.edu>.

In addition, Spherion Services, Inc., provides temporary secretarial and clerical staffing services to the University. If you are interested in temporary work at Harvard (full- or part-time), call Spherion at (617) 495-1500 or (617) 432-6200

(Longwood area).
Additional Career Support:
A Web page on career issues, including links to career assessment, exploration, resources, and job listings, is available for staff at <http://www.harvie.harvard.edu/learning/careerdevelopment/index.shtml>

Job Search Info Sessions:
Harvard University offers a series of information sessions on various job search topics such as interviewing, how to target the right positions, and navigating the Harvard hiring process. All are

welcome to attend. The sessions are typically held on the first Wednesday of each month from 5:30 to 7:00 at the Harvard Events and Information Center in Holyoke Center at 1350 Massachusetts Avenue in Harvard Square. More information is available online at <http://employment.harvard.edu/careers/findingajob/>.

Please Note:
The letters “SIC” at the end of a job listing indicate that there is a strong internal candidate (a current Harvard staff member) in consideration for this position.

Academic

Research Fellow (Postdoctoral Fellow) Req. 35174, Gr. 000
Harvard School of Public Health/Genetics & Complex Diseases
FT (9/11/2008)
Research Fellow (Postdoctoral Fellow) Req. 35277, Gr. 000
Harvard School of Public Health/Genetics & Complex Diseases
FT (9/18/2008)

Alumni Affairs and Development

Associate Director of Major Gifts Req. 35325, Gr. 059
JFK School of Government/External Affairs
FT (9/25/2008)
Senior Major Gifts Officer Req. 35169, Gr. 058
Graduate School of Education/Development & Alumni Relations
FT (9/11/2008)
Sr. Major Gift Officer Req. 35236, Gr. 058
Harvard School of Public Health/Office for Resource Development
FT (9/18/2008)
Development Associate, International Advancement Req. 35249, Gr. 056
Alumni Affairs and Development/University Development Office
FT (9/18/2008)
Assistant Dean for Alumni Affairs Req. 35312, Gr. 060
Harvard School of Public Health/Office for Resource Development
FT (9/25/2008)

Athletics

Assistant Coach of Women’s Tennis Req. 35243, Gr. 055
Faculty of Arts and Sciences/Athletics
PT (9/18/2008)
Assistant Coach of Men's Swimming Req. 35244, Gr. 055
Faculty of Arts and Sciences/Athletics
PT (9/18/2008)

Communications

Science Writer Req. 35245, Gr. 057
Faculty of Arts and Sciences/Center for the Environment
PT (9/18/2008)
Publications Manager Req. 35318, Gr. 056
Faculty of Arts and Sciences/Center for Hellenic Studies
FT, SIC, (9/25/2008)
Writer/Editor Req. 35285, Gr. 056
Faculty of Arts and Sciences/GSAS
FT (9/25/2008)
Director of Publications Req. 35181, Gr. 058
Faculty of Arts and Sciences/Peabody Museum
FT (9/11/2008)
Executive Director, Strategic Communications Req. 35139, Gr. 062
Alumni Affairs and Development/Communications
FT (9/11/2008)

Dining & Hospitality Services

General Cook Req. 35170, Gr. 032
Dining Services/Sebastians
Union: HEREIU Local 26, FT (9/11/2008)
General Service Req. 35291, Gr. 010
Dining Services/Dunster/Mather
Union: HEREIU Local 26, FT (9/25/2008)
Saladperson/ Checker Req. 35294, Gr. 013
Dining Services/Hillel Dining Hall
Union: HEREIU Local 26, FT (9/25/2008)
Unit Manager Req. 35175, Gr. 057

Dining Services
FT (9/11/2008)
Sales Attendant Req. 35292, Gr. 031
Dining Services/Sebastian's
Union: HEREIU Local 26, FT (9/25/2008)
General Services/Checker Req. 35151, Gr. 010
Dining Services/Annenberg
Union: HEREIU Local 26, PT (9/11/2008)
Truck Driver/Storeroom Combo. Req. 35177, Gr. 018
Dining Services/Crimson Catering
Union: HEREIU Local 26, PT (9/11/2008)
Kitchenperson/Chef’s Helper/Potwasher/Laundryperson Combo Req. 35293, Gr. 012
Dining Services/Adams
Union: HEREIU Local 26, FT (9/25/2008)
General Services Req. 35158, Gr. 010
Dining Services/Dunster/Mather
Union: HEREIU Local 26, FT (9/11/2008)
Grill Cook Req. 35179, Gr. 032
Dining Services/Rockefeller’s Divinity
Union: HEREIU Local 26, FT (9/11/2008)
General Services Req. 35155, Gr. 010
Dining Services/Cabot/Pforzheimer
Union: HEREIU Local 26, FT (9/11/2008)
General Services/Checker Req. 35160, Gr. 010
Dining Services/Eliot/Kirkland
Union: HEREIU Local 26, FT (9/11/2008)
General Services Req. 35157, Gr. 010
Dining Services/Dunster/Mather
Union: HEREIU Local 26, FT (9/11/2008)
Kitchenperson/Chef’s Helper/Potwasher/Laundryperson Combo Req. 35150, Gr. 012
Dining Services/Annenberg
Union: HEREIU Local 26, FT (9/11/2008)
General Services Req. 35166, Gr. 010
Dining Services/Lowell/Winthrop
Union: HEREIU Local 26, FT (9/11/2008)
Assistant Cook Req. 35161, Gr. 016
Dining Services/Eliot/Kirkland
Union: HEREIU Local 26, PT (9/11/2008)
Assistant Cook Req. 35162, Gr. 016
Dining Services/Eliot/Kirkland
Union: HEREIU Local 26, FT (9/11/2008)
General Services Req. 35164, Gr. 010
Dining Services/Leverett
Union: HEREIU Local 26, PT (9/11/2008)
General Service - Kitchenperson/Potwasher Req. 35165, Gr. 010
Dining Services/Lowell/Winthrop
Union: HEREIU Local 26, PT (9/11/2008)
Floating Chef/Production Manager Req. 35132, Gr. 056
Dining Services
FT (9/11/2008)
Assistant Cook Req. 35178, Gr. 016
Dining Services/Crimson Catering
Union: HEREIU Local 26, FT (9/11/2008)
Assistant Cook Req. 35154, Gr. 016
Dining Services/Cabot/Pforzheimer
Union: HEREIU Local 26, PT (9/11/2008)
General Services/Checker Req. 35159, Gr. 010
Dining Services/Lowell/Winthrop
Union: HEREIU Local 26, PT (9/11/2008)
Checker Req. 35163, Gr. 011
Dining Services/Eliot/Kirkland
Union: HEREIU Local 26, FT (9/11/2008)
General Service Req. 35153, Gr. 010
Dining Services/Annenberg
Union: HEREIU Local 26, PT (9/11/2008)

Faculty & Student Services

Manager, Career Education and Support Req. 35131, Gr. 056
Harvard Business School/MBA Career Services
FT (9/11/2008)

Finance

Assistant Director for Finance and Budgets Req. 35264, Gr. 058
Faculty of Arts and Sciences/Physical Resources & Planning
FT (9/18/2008)

Sponsored Research Administrator Req. 35258, Gr. 056
Faculty of Arts and Sciences/FAS Research Administration Services
FT (9/18/2008)
Director of Finance Req. 35263, Gr. 058
Faculty of Arts and Sciences/Molecular and Cellular Biology
FT (9/18/2008)
Associate Director of Finance Req. 35302, Gr. 058
Harvard Divinity School/Finance
FT (9/25/2008)
Sr. Business Systems Analyst Req. 35173, Gr. 058
Financial Administration/Financial Administration Systems Solution
FT (9/11/2008)
Project Manager Req. 35266, Gr. 059
Faculty of Arts and Sciences/FAS Office of Finance
FT (9/18/2008)

General Administration

Mumbai Program Officer Req. 35201, Gr. 056
Faculty of Arts and Sciences/South Asia Initiative
FT, SIC, (9/11/2008)
Director of Sustainability Req. 35280, Gr. 062
University Administration/Office of the Executive Vice President
FT, SIC, (9/18/2008)
Associate Director for Administration and Operations Req. 35273, Gr. 062
Harvard Medical School/New England Primate Research Center
FT (9/18/2008)
Director of Administration Req. 35284, Gr. 059
Harvard School of Public Health/Immunology and Infectious Diseases
FT (9/25/2008)
Associate Director Req. 35189, Gr. 058
Harvard School of Public Health/Human Research Administration
FT (9/11/2008)
Assistant Dean for Centers in the Office of the Dean for Faculty Affairs Req. 35215, Gr. 060
Faculty of Arts and Sciences/Faculty Affairs
FT, SIC, (9/18/2008)
Program Administrator Req. 35299, Gr. 056
Harvard School of Public Health/GHP- Program on Humanitarian Policy and Conflict Research
FT (9/25/2008)
Administrative Manager Req. 35180, Gr. 054
Faculty of Arts and Sciences/Center for Hellenic Studies
FT, SIC, (9/11/2008)
Staff Assistant (III) Req. 35191, Gr. 053
Art Museums/Achaeological Exploration of Sardinia
Union: HUCTW, FT (9/11/2008)
Emergency Planning Coordinator Req. 35287, Gr. 057
University Operations Services/Operations Center
FT (9/25/2008)
Administrative Director Req. 35225, Gr. 057
JFK School of Government/Dean’s Office
FT (9/18/2008)

Health Care

Nurse Practitioner-Triage Req. 35202, Gr. 058
University Health Services/Internal Medicine
FT (9/11/2008)
Assistant Physician (Dermatologist) Req. 35196, Gr. 090
University Health Services/Dermatology
PT (9/11/2008)

Human Resources

Director - New England Higher Education Consortium & Project Manager Req. 35234, Gr. 057
University Administration/Employment Services
FT (9/18/2008)

Information Technology

Technical Support & Service Team Lead Req. 35214, Gr.

057
School of Engineering & Applied Sciences/IT
FT, SIC, (9/18/2008)
Director of the Project Management Office Req. 35259, Gr. 060
Faculty of Arts and Sciences/FAS IT
FT (9/18/2008)
Associate Director for Academic Technology:Technical Development and Multimedia Operations Req. 35133, Gr. 060
Faculty of Arts and Sciences/FAS IT
FT (9/11/2008)
Product Manager, Academic Technology Req. 35182, Gr. 058
Faculty of Arts and Sciences/FAS IT
FT (9/11/2008)
Unix Systems Administrator Req. 35278, Gr. 058
University Information Systems/Network and Server Systems
FT (9/18/2008)
Web Designer Req. 35298, Gr. 057
University Information Systems/Website Development Services
FT (9/25/2008)
Research Systems Administrator Req. 35144, Gr. 056
Harvard Medical School/BCMP
FT (9/11/2008)
Senior User Experience Designer, Educational Technology Req. 35206, Gr. 058
Harvard Business School/Information Technology Group
FT (9/18/2008)

Library

Collections Services Archivist Req. 35130, Gr. 057
Harvard Medical School/Countway Library
FT (9/11/2008)
Project Cataloger and Selection Assistant for the Islamic Heritage Project Req. 35275, Gr. 056
Harvard University Library/OCF
FT (9/18/2008)

Museum

Curatorial Associate in Vertebrate Paleontology Req. 35217, Gr. 057
Faculty of Arts and Sciences/Museum of Comparative Zoology
FT (9/18/2008)

Research

Research Coordinator Req. 35222, Gr. 056
Harvard School of Public Health/GHP- Harvard Humanitarian Initiative
FT (9/18/2008)
Research Specialist/Staff Scientist Req. 35276, Gr. 056
Faculty of Arts and Sciences/Molecular and Cellular Biology
FT (9/18/2008)
Statistical Programmer/Data Analyst Req. 35306, Gr. 056
Harvard Medical School/Health Care Policy
FT (9/25/2008)
Research Associate Req. 35230, Gr. 056
Harvard Business School/Division of Research & Faculty Development
PT (9/18/2008)
Research Assistant (II) Req. 35255, Gr. 053
Harvard School of Public Health/Nutrition
FT (9/18/2008)
Research Analyst Req. 35235, Gr. 056
Harvard School of Public Health/Center for Biostatistics in AIDS Research
FT (9/18/2008)

Technical

Senior Electrical Engineer Req. 35311, Gr. 059
University Operations Services/Engineering & Utilities
FT (9/25/2008)

Faculty of Medicine — Memorial Minute

She cared for patients, taught seminars to psychiatric residents and psychology interns, and was a beloved and iconic teacher of the discipline of psychotherapy.



Anne Alonso

At the time of her death in August of 2007, Anne Alonso was widely held to be a leading teacher and practitioner of psychodynamic therapy of her day.

Anne had the gift of narrative and a talent for rhetoric, two threads that ran unbroken through the tapestry of her life. The story she told was the story of the unconscious and its impact on relationships. For many, even seasoned psychotherapists, the unconscious is theory or tool or construct. For Anne, it was daily reality. Her clinical genius was rooted in the fact that for her the other side of the mind was as real as conscious life. While this shadow world and its landmarks are theory to most people — flat and two dimensional — to Anne it was not a map, but the territory itself. She was “from here,” a guide through its mysteries.

In the academy and in the hospital, Anne wove the story of psychoanalysis so convincingly that hundreds and hundreds of trainees and students and colleagues and patients routinely began their own quotidian stories of self-learning with “Anne says....” As clinician, supervisor, and advocate of psychoanalytic theory and practice she was unexcelled.

As befits a thoroughly psychodynamic person, her roots inform who she became. The complexity and contradictions of human personality were embodied in Anne. She was an Arab woman with a Catholic education, but that was the least of it. She was rooted in paradox. Her first languages were Arabic and French. Her father, Ernest Abokalil, was a Lebanese immigrant who was a left-wing union organizer with a capitalist streak, proprietor of a restaurant near the mills of Manchester, New Hampshire (which informed Anne’s love of food and cooking). Her mother Helen Hashim died before Anne was a year old, so Anne was raised by her father, grandmother, and aunt. Her experience of the female role in Arab culture was given extra dimension by her schooling with an order of French nuns whom she always remembered affectionately for their joy and grace. This diversity of origins perhaps fed her uncanny capacity to bridge cultural differences and her later preeminence as a practitioner of group psychotherapy and scholar of social systems. And her devotion to feminism may have begun as she stood, hand-in-hand with her father, hearing his male friends commiserate with him, “It is too bad, our brother, that you had no sons.”

Anne had a special interest in group therapy. She served as the President of both the Northeastern Society for Group Psychotherapy and the American Group Psychotherapy Association. Most of her published papers had to do with group therapy.

Her Presidential address when assuming office at the American Group Psychotherapy Association was entitled “Group Therapy and the Village Well.” The importance of community was omnipresent for Anne, and the use of groups as therapeutic vehicles was a natural for her. Her teaching was also often done in groups — and almost always included food!

Anne’s influence was felt far beyond the United States. At her memorial service a Chinese physician stood to address the large crowd. He spoke of how important it had been for the Chinese mental health community that Anne had come to teach them. And

he spoke of how available she had remained, conducting regular consultations via email and conference calls — all without charge. This physician had come to say his goodbyes completely on his own and without notifying anyone. It was important to him.

Anne’s work in Argentina, Mexico and many other countries dramatically enhanced the use of psychodynamic therapy and group therapy in those locales.

Anne spent her entire professional career affiliated with the MGH, beginning with her internship in 1968. Her first experiences were in the Acute Psychiatric Service, where she demonstrated a love of working with very disturbed patients, a love not always shared by psychoanalytic practitioners. She was one of four founding members of the “General Psychiatry Practice” in 1975, the first faculty group practice that was the seed crystal for the growth of the MGH Psychiatry Service’s outpatient division. Anne also founded the Center for Psychoanalytic Psychotherapy which attracted several dozen colleagues as faculty to offer advanced postgraduate training for therapists, most of whom had graduated from the Psychiatry residency at MGH. The center offered a curriculum of seminars and supervision which became the intellectual center for the study of psychodynamic therapies at MGH. Through the Endowment for Psychodynamic Psychotherapy, which she founded and to which she was a major contributor, she supported not only the Center but contributed support to one of the few active psychodynamic psychotherapy research programs in the country at MGH. The endowment attracted celebrities and donors to support its work and rallied to the Endowment’s motto “So there will always be someone to talk to.”

She cared for patients, taught seminars to psychiatric residents and psychology interns, and was a beloved and iconic teacher of the discipline of psychotherapy. A winner of teaching awards, she pioneered in the study and teaching of the art and discipline of psychotherapy supervision as well. She was the most sought after supervisor among a large faculty. Her advice and wisdom were often captured with sensitivity and humor in sayings such as: “the helping hand strikes again,” “don’t just do something sit there,” and “no good turn goes unpunished.” Therapists in training were prepared and strengthened for their work by introjecting Anne’s calm presence and patient insight. That she was so comfortable with listening to the greatest anguish allowed patients to find a way to bear their pain more readily themselves.

MGH was, indeed, *Alma Mater* to Anne — the mother she lost and then regained.

Respectfully submitted,

Jerrold Rosenbaum, *chair*
John Herman
James Groves
Scott Rutan
Martin Keller



Courtesy of the Harvard Map Collection

'Le Cours du Danube depuis sa source jusqu'à ses embouchures,' Alexis Hubert Jaillot, Paris, 1693, is one of the maps in the Pusey Library exhibit.

And quiet flows the Don at Pusey

The Harvard Map Collection presents its fall exhibition, "From the Amazon to the Volga: The Cartographic Representation of Rivers," which opened Wednesday (Sept. 24). For centuries, cartographers have wrestled with the difficulties of depicting rivers, and in the process they have devised many ingenious ways of answering the challenge — from streambed profiles to bird's-eye views, ranging in format from portfolio atlases to strip maps, accordion books, and scrolls. This exhibit examines how mapmakers from the 15th century to the early 20th century sought to measure, track, and frame some of the major rivers of the world, including the Tigris and Euphrates, Amazon, Don, Danube, Nile, Congo, Rhine, Volga, and Mississippi. The exhibition runs through Jan. 30, 2009, in Map Gallery Hall, Pusey Library.

Trajectories

(Continued from page 15)

straints, too, are presumably on their way. But they haven't arrived in full force yet.

In this transitional state, these young(ish) architects have carved out room to maneuver. The exhibition is proof that "things can be done differently," Ceferin said. "The productions that you see in the hall show that the field is open for experimentation."

As Ceferin made her case for the new trajectories of architecture in the Balkans, the Chamber of Commerce and Industry of Slovenia was her Exhibit A. It was built in Ljubljana from 1996 to 1999 by Sadar Vuga Arhitekti, one of whose principals, Bostjan Vuga, was also on the panel. Vuga observed, "The transparency of the building is a metaphor for transparency of the organization it houses."

The building drew a strong response, both pro and con, Ceferin said. "There was something in that building that affected us — the 'architectural condition' was fulfilled." By this she meant that the building went beyond merely fulfilling the usual requirements of client wishes and building codes to provoke a strong emotional response. It was a response that was hard to put into words but could be seen in the influence the building had on other structures built afterward. "And only in retrospect can you see this."

The panel discussion necessarily had a certain "tale of two countries" aspect. Slovenia and Croatia share much history, but their situations today are quite different. Slovenia has a significantly smaller population — 2 million compared with Croatia's 4.5 million. But Slovenia, which won its independence after a 10-day war that cost only 67 lives, is now part of the European Union. Croatia, with a much messier history, today stands at the gates of Brussels.

Perhaps more relevant to the "New Trajectories" project, the architectural profession is organized differently, panelists indicated. Whereas Slovenia has been caught up in European Union processes for awarding commissions, Croatia has a well-organized architectural association and a robust tradition of anonymous public competitions that makes it easy for outsiders and newcomers to win commissions. It also makes it easier for young architects.

According to Sasha Randić, a principal of Randić-Turanto of Rijeka, Croatia, and a member of the panel, the average age of competition winners has fallen in recent years from 42 to 30. The exhibition features a high school gymnasium in the Croatian town of Koprivnica, designed by an architect who was only 28 when he won the commission.

Something the two countries have in common, though, is that in both, architects have a fair bit of authority, albeit for different reasons. In Ljubljana, the scale is small

enough that, as Vuga noted, individual buildings can make a real difference. In Croatia, much of the city planning function that in other places is the purview of municipal officials falls to architects, Randić said. And new legislation limits clients' and contractors' leeway in departing from an architect's design for a building. If an architect refuses to sign off on a project as built, the occupancy permit can be denied. "Architects are the last guardians of the process."

Architects in this part of the world have a long history of bridging the gaps between traditional architecture and modernism,



Photos Stephanie Mitchell/Harvard News Office

Bostjan Vuga (left) and his firm designed the project 'Butcher's Bridge' (model, bottom photo). Sasha Randić (below) is principal of the firm Randić-Turanto of Rijeka, Croatia.



and between the local and the global.

One of the projects represented in the exhibition, Randić-Turanto's school in the Croatian town of Krk, is an example of contemporary architecture fitting into a traditional context: A tall 20th century school was torn down and replaced with a new structure that nestles against, yet still gives pride of place to, the ancient city wall.

"Every tradition is preserved by breaks with tradition," Ceferin said. "There's no tradition without innovation."

'New Trajectories: Contemporary Architecture in Croatia and Slovenia,' at the Gund Hall Gallery at the Harvard University Graduate School of Design, 48 Quincy St., continues through Oct. 19.





A dramatic sunset gilding the Charles is the perfect ending to the colorful, musical, season-turning event RiverSing.



The Weeks Footbridge, lights blazing and pennants flying, is graced by the presence of the larger-than-life puppet Poseidon.



From a distance, the Weeks Footbridge looks like an oasis of magic nestled between Cambridge and Boston.

RiverSing rings in autumn

By Alanna Kelleher
Harvard News Office

Fall was grandly ushered in by local residents on Sunday (Sept. 21) with RiverSing, a unique arts festival along the Charles River in Boston and Cambridge.

Now in its fifth year, RiverSing is a collaboration between the Revels and the Charles River Conservancy, and is sponsored, in part, by Harvard's Office of Community Affairs and Allston Development Group. Children's activities, music, dancing, and communal singing on the banks of the Charles are all part of the celebration.

"This is just a great event and there's lots of interesting people," said Robin Guenzel of Cambridge as she watched her 3-year-old daughter, Katie, get her face painted pink with glitter at the pre-event kids' activities at Winthrop Square.

"It's so wonderful because people can make things and be a part of it. It's very community-oriented," said face-painter Su Eaton.

A Mardi Gras-like parade processed from

Winthrop Square to the Weeks Footbridge, with festively costumed entertainers — some on stilts, others blowing bubbles into the crowd — led by a brass band to the Charles River.

Young and old picnicked and lounged on blankets on the banks of the Charles, while participating in a sing-along, which began with "This Land Is Your Land" and covered other crowd favorites, such as "Down By the Riverside," "When the Saints Go Marching In," and "Shenandoah." Kayakers peacefully paddling along the river paused to listen to the surprise serenade.

Children danced with glee, mimicking the fluidity of the giant

puppets, Oshun and Poseidon, who for the past several years have presided over the party. The two puppets swayed in the wind as if gently coaxing the crowd to keep singing.

The revelry attending the autumnal equinox ended at sunset with a LED light show playing over bridge and river. The last song of the evening was "River Hymn," written specially for the event by composer George Emlen.



Forever young face-painter Su Eaton blows bubbles as the parade travels down Memorial Drive.

Photos Julie Russell/Office of Community Affairs