

If you think Harvard internships, courses and jobs are available only during the regular school year and only to traditionally enrolled Harvard students, think again. Each summer, thousands of children from Cambridge and Boston take part in Harvard programs and events that open up new opportunities for motivated youth, engage young minds, and bring a decidedly crimson dimension to summertime fun. This year was no exception. From bright young faces joining a new academic enrichment program to teenagers returning for summer school help to others working in labs for summertime pay — not to mention hundreds of youngsters kept safe and engaged in their neighborhoods — learning kept Harvard and its nearby communities united this summer. Harvard Community Connections offers a glimpse of a summertime of learning at Harvard. We look forward to building on these connections as a new academic year begins.

Programs introduce kids to life sciences

Menino, Summers tout summer science

Nearly 150 area high school students participating in summer science programs gathered July 23 at the Longwood Medical Area for Boston's "other convention."

Wielding convention-style placards with their program names, including Project Success, CURE (Continuing Umbrella of Research Experience at the School of Public Health), and RAP (Research Ap-



Staff photo Stephanie Mitchell/Harvard News Office

Connecticut College student Te-Ana Harris, from Project Success, listens to President Summers speak.

prenticeship Program at the School of Public Health), among six others, these "Innovators of Tomorrow" came together to promote the importance of fostering young people's interest in medicine and the life sciences.

The event, part of Celebrate Boston 2004 Innovation Week (July 18-23) and organized by the Harvard Medical School's (HMS) Office for Diversity and Community Partnership, kicked off with a student-

(Continued on page 3)



Crimson Summer Academy students take part in a science and technology course in the Science Center at Harvard University. Chynah Tyler (left) a student at Roxbury Charter High School, watches Tenzin Dotsang, a student at Cambridge Rindge & Latin, pipette drops of liquid into a small vial as part of an experiment.

Staff photo Jon Chase/Harvard News Office

Harvard summer program preps local teens for college

Three-year academy builds relationships, broadens horizons

Thirty Cambridge and Boston high school students have embarked on an innovative three-year program at Harvard University that provides an intensive summer academic experience and year-long mentoring designed to broaden the students' horizons and advance them on the road to college.

The program, called the Crimson Summer Academy, targets academically talented students. The students, from both public and parochial schools, participated in the inaugural four-week academy during July and early August. The same group of students will return for the next

two summers to continue their preparation for life after high school.

"Those of us working with the first cohort of Crimson Scholars feel fortunate that the academy's goal — to help these talented, deserving young people reach their fullest potential — has resonated with our students' own goals for themselves," said program Director Maxine Rodburg. "The Crimson Scholars are amazing. They are intellectually curious, highly responsible, and deeply committed to building a community of learners within which each one of them has the resources and support to reach their own individual ambitions."

Students themselves said they found the program's initial sessions enriching. Tenzin Dotsang, a student at Cambridge Rindge & Latin whose family emigrated from India, said the program has made her more determined than ever to attend college. She said she had initially thought she'd go to college only if she got a scholarship, but now she believes that college is a stop she must make in life.

"Now I feel like I have to do it," Dotsang said. "I want to go to college and become something, have a stable career."

Dotsang said she's interested in pursuing

(Continued on next page)

Harvard museums open doors to community

An afternoon of free discovery, culture & family fun for the community

Discover the many and varied treasures of the Harvard Museums with an afternoon of discovery, culture, and family fun. A unique asset to Cambridge and the Greater Boston area, Harvard's museums are invaluable archives tied to Harvard's teaching mission and are open

to the public offering special exhibitions and programming for children and their families year-round. On Sunday, Sept. 19, from 1 to 5 p.m., Harvard University's six museums

— the Arthur M. Sackler Museum, the Busch-Reisinger Museum, the Fogg Art Museum, the Harvard Museum of Natural History, the Peabody Museum, and the Semitic Museum — will host a FREE open house to all visitors.

(Continued on page 4)

**Your ticket to fun
See page 4**

Cambridge students hone academic skills

Cambridge Harvard Summer Academy provides 6 intensive weeks of support for kids

If you ask Betty Dorleans, a sophomore with Cambridge Rindge & Latin (CRLS), if she likes Algebra, the answer — after this summer — is yes.

“Now I do. When you understand something you like it more,” said Dorleans, who finished six-week intensive courses on algebra and world history this August during the Cambridge Harvard Summer Academy. “I learned more in summer school than in regular school,” added Dorleans, who said the difference was the faster pace and different kinds of classroom activities — using visuals and critical thinking skills — that made it easier to learn.

Dorleans is one of more than 300 Cambridge high school students who gave up summer vacation time to prepare for the upcoming academic year at the Harvard-sponsored summer school program, which is free and open to all Cambridge high schoolers. The product of a partnership between the City of Cambridge and Harvard, the Cambridge Harvard Summer Academy has



Staff photo Justin Ide/Harvard News Office

Harvard University President Lawrence H. Summers visited the Cambridge Harvard Summer Academy.

linked high school students from CRLS and other Cambridge schools with graduate students seeking teaching certification and their mentor teachers from the Harvard Graduate School of Education for intensive summertime learning. This is the program's fourth year.

The experience is transformative for both student and teacher.

Many students come to make up credit for classes failed in the previous year. Others are preparing for advanced placement. And for those who have left a range of careers in the private sector to become teachers, a summer of intensive school confirms their commitment to the field.

Motivation and encouragement came not only from inspired Academy teachers this summer. Key figures in Cambridge education, including Harvard President Lawrence H. Summers, Cambridge Mayor Michael Sullivan, and Ellen Condliffe Lagemann, dean of the Harvard Graduate School of Education, also turned out to visit with students and celebrate the successful end to this year's academy.

“On a tour of classes last week, I saw the magic of what each of you — the students, mentors, and teachers — have to offer,” said Mayor Sullivan to a crowd of teenagers and their teachers at the academy's closing ceremony Aug. 6. “Today really speaks to the success of what we are trying to do in the Cambridge Harvard Summer Academy.”

Carolyn Turk, deputy superintendent of the Cambridge Public School District, summed up the spirit of the Academy in her remarks, “I see a group of young people who are really thriving. We are building a community of learners here, and everyone in this program demonstrated that they really know what it means to work together.”

Both Lagemann and Summers reminded students that their education is the main thing that will determine how well they will live. Summers also explained his role at Harvard Commencement—to confer degrees on Harvard students. Then with a commencement-like declaration, he closed the chapter on a summer of learning and hard work.

“I attest that you have completed valuable work and are well prepared to meet the challenges ahead,” he said in the authoritative voice that he uses at Commencement time each year.

Summer fun – and work



Staff photo Rose Lincoln/Harvard News Office

This summer, Harvard employed 81 high school students from Cambridge and Boston, who worked all over the University in an array of positions ranging from more conventional office work to such unusual activities as archivist assistants at Harvard University Press and cataloguers of Native American artifacts at the Peabody Museum. Every major Harvard school employed at least a couple of teens, with overwhelmingly positive experiences all around. Vania Martins of Cambridge (center), who spent the summer working in Government Documents, talks with Jacquelyn Smith-Crooks of Harvard Medical School Community Outreach at the STEP (Summer Teen Employment Program) year-end thank-you pizza party Aug. 20.

Fogg Museum is cat's meow



Photo by Susannah Hutchison

Area kids show off their handiwork at the Fogg Art Museum's summer session, 'Come See the Animals!' The visit included a tour of animals in artwork at the the Fogg and Busch-Reisinger and a trip to the Sert Gallery to see the animal sculpture 'The Musicians of Bremen.'

Crimson Academy prepares local kids

(Continued from previous page)

ing a career in medicine, but said she's also interested in working in Tibet, where her family is originally from, to help construct a shelter, hospital, or school to assist young Tibetans.

“This is the university that everyone around the world wants to attend,” Dotsang said. “It [the Crimson Summer Academy] is a once-in-a-lifetime opportunity.”

Onyebuchi Ogbo, whose family emigrated from Nigeria several years ago, is also a student at Cambridge Rindge & Latin. Ogbo said he's interested in becoming a doctor, but added that, so far, he's most enjoyed the digital photography classes at the Crimson Summer Academy.

Students enrolled in the academy take part in a varied curriculum. Classes several times per week emphasize speaking, writing, science and technology, quantitative reasoning, and digital photography. There are also invited speakers and sessions dedicated to college and career, as well as daily community meetings

and mentoring sessions with Harvard undergraduates.

Each week is punctuated with field trips off campus. The program got a good start with an early trip to the Thompson Island Outward Bound center that had students talking afterward about climbing the large wooden tower there, some blindfolded. Other field trips included visiting the Democratic National Convention in Boston, the Harvard Museum of Natural History, the Harvard Club of Boston, and a naturalization ceremony in Faneuil Hall.

The Crimson Summer Academy opens up opportunities for talented students who may not have the means to enhance their education with enrichment programs, summer camps, or travel. “This is a great opportunity. It has the possibility of changing a child's life,” said Thomas Fowler-Finn, superintendent of Cambridge Public Schools. “It isn't lost on these young people that this is a chance to go to Harvard, the best in the nation.”



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Affordable, Harvard-run camps celebrate summer

PBHA summer camps serve youth from Boston and Cambridge

At the annual Mid-Summer Celebration of the 12 day camps run by Phillips Brooks House Association (PBHA), a student-led nonprofit at Harvard College, Aug. 4, old-fashioned summertime fun took on a distinctly urban flavor. As campers from Boston and Cambridge ran sack races, tossed rings and softballs, slurped watermelon, and smeared their faces with equal parts cotton candy, face paint, and barbecue sauce, a sound system pumped out hip-hop and the Orange Line rumbled beneath Jamaica Plain's Stony Brook Park.

The celebration brought together campers and families from among the 850 low-income children and youth in Boston and Cambridge served by PBHA's Summer Urban Program (SUP) — camps that mix academics with field trips and recreation to provide safe, enriching, summer activities. To keep the cost of attending camp among the lowest of any in the area, the college-age directors from Harvard and beyond toil throughout the spring to raise money and in-kind donations.

The festivities at Stony Brook Park, however, were primarily the work of junior counselors, the force of 80 high school students, most of them former campers, who assist in all aspects of daily camp life. After several years of budget cuts had significantly reduced government funding for these positions, Harvard — through grants from the Office of Government, Community and Public Affairs and the President's Public Service Fund — has stepped in with generous donations that match summer youth employment funds from the cities of Boston and Cambridge to provide full-time positions and training.

With the economy creeping slowly toward recovery, many junior counselors are grateful for the experience these positions provide. "It helps me out a lot," said Rafael Feliciano, a junior counselor at the Mission Hill Summer Program, as he took a break from setting up the stage for a talent show. "It's good to have a consistent job, for colleges and for my resume." In addition to on-the-job skills, junior counselors get year-round counseling on topics like money management, resume writing, college selection, and SAT preparation.

From her post at the "candy in a haystack" game, Roxbury Youth Initiative junior counselor Dionna Johnson gave



Staff photo Stephanie Mitchell/Harvard News Office

At PBHA's Mid-Summer Celebration of camping in Jamaica Plain, Helen Tran, a junior counselor for Chinatown Adventure, a PBHA camp, talks enthusiastically about her experience.

high marks to working with young people from her community.

"The kids are great. Just knowing that I have an impact on them keeps me running back," said the Dorchester resident and four-year veteran of the camp. "This job is great experience. It's keeping us out of trouble and off the streets," Johnson added, mentioning the urban violence that's dominated recent news reports.

Any tension that might be in the city's streets and parks was absent at the Mid-

Summer Celebration, save for good-natured jostling in lines for food and some of the more popular games. "It's fun," said Shakala Hill, 11, a camper at the Franklin I-O camp in Dorchester. "We go camping and on field trips, and it's fun playing the games." Beside her, fellow camper Jehkare Matthews, 8, thoughtfully pondered the high point of the celebration. Burying his face in a sticky blue mound of spun sugar, he concluded, "Eating cotton candy."

Harvard Yard Picnic



Staff photo Rose Lincoln/Harvard News Office

At the 29th annual picnic for senior citizens hosted by Harvard and the city of Cambridge on Aug. 4, amid waving balloons and to the beat of an old jazz standard, Margie Judd of Cambridge (right) dances with her niece, Trudy McGrath of California.



Project Success participant Francesca Morency (right), a Boston Latin School senior from Mattapan, explains her research on gene expression and kidney disease to Boston Mayor Thomas M. Menino (left) and Harvard President Lawrence H. Summers. James Mandell, Children's Hospital president and CEO, and Nibedita Chattopadhyay, instructor in pediatrics and Morency's supervisor, look on.

Staff photo Stephanie Mitchell/Harvard News Office

Turning students into innovators

(Continued from page 1)

conducted lab tour for Boston Mayor Thomas M. Menino and Harvard University President Lawrence H. Summers. Held in the Enders Research Building at Children's Hospital Boston, the tour was led by Francesca Morency, a Boston Latin School senior from Mattapan and Project Success participant who studies the development of the kidneys and congenital kidney disease.

Morency explained to Summers and Menino that her research focuses on how gene expression influences kidney cells in mice. Morency's interest in biology began in the seventh grade when she took a course in environmental science.

"I fell in love with the subject. I have a love of all the sciences, but the life sciences and medicine are my favorites," she said.

Project Success was founded in

1993 by Joan Reede, dean for diversity and community partnership at HMS. The program places Boston and Cambridge students in HMS-affiliated hospitals and research sites during a paid, eight-week summer program. Program participants complete hands-on, mentored research projects under the supervision of HMS faculty, attend science and career development seminars, and enhance their speaking and writing skills. Since the program's inception, 99 percent of its alumni have matriculated at four-year colleges, two have gone on to medical school and one to dental school, and a number have completed graduate degrees.

"It's great to be here with all of you students who are planting the seeds of the future," Menino said. "Harvard has been participating with Boston in so many programs that put young people on the right path. That's what life's all about —

making choices. Make the right choices and you have a great future."

Summers thanked the mayor for his efforts, which he said make the city a better place, and asked his listeners to imagine a circle centered on the Medical School Quad and extending to a radius of three miles.

"There is no area on the planet that is comparable in terms of talent in understanding and curing disease, and we are part of that," he said. "The students here are the future of the city and of the country."

Project Success graduate Karlene Boswell, a fourth-year student at the University of Massachusetts Medical School, relayed her experiences as a former summer science program researcher.

"I first began the program in the summer of 1994, and that experience opened up a cascade of opportunities that helped me in many ways," Boswell said.

Local community invited to spend a day at Harvard museums

(Continued from page 1)

Harvard University Art Museums (HUAM)

Free admission, family activities, and docents in the galleries of the Arthur M. Sackler, Busch-Reisinger, and Fogg Art museums, 1-5 p.m.

HUAM also offers a choice of three special tours beginning at 2 p.m.:

- A special tour of "For Students of Art

and Lovers of Beauty: Highlights from the Collections of Grenville Winthrop," Calderwood Courtyard, Fogg Art Museum

■ Gallery talk for "Dependent Objects," Busch-Reisinger Museum

■ A special tour of "A Compelling Legacy: Masterworks of East Asian Painting," Sackler Museum lobby

Harvard Museum of Natural History

- "Micro-Mystery Shows" at 1:30 p.m.

and 3:30 p.m.

■ "Live Creature Features" at 2 p.m., 3 p.m., and 4 p.m.

These informal programs allow young visitors to meet and learn about wildlife through hands-on experiences.

■ "Discovery Zones" from 1 p.m. to 5 p.m.

These hands-on stations allow young museum explorers to see, touch, and learn about museum artifacts and specimens

from the collections.

■ "Gallery Guides" from 1 p.m. to 5 p.m.

Peabody Museum

■ Performances by ethnic dancers throughout the day

Semitic Museum

■ See a full-scale replica of a fully furnished, two-story village house in "The Houses of Ancient Israel: Domestic, Royal, Divine."

What to do?

www.community.harvard.edu

Observatory Nights

The Harvard-Smithsonian Center for Astrophysics (CfA) sponsors free programs for the public on the third

Thursday of every month throughout the year. The "Observatory Nights" feature a nontechnical lecture and telescopic observing from the observatory roof if weather permits. The lectures are intended for high schoolage and older audiences but children are also welcome. Seating is limited and available on a first-come, first-served basis. Doors at the observatory open at 7:30 p.m. and programs begin at 8 p.m.



Observatory Night programs are held in the Phillips Auditorium of the CfA at 60 Garden Street. Directions can be found at <http://cfa-www.harvard.edu/mapsdir.html>. For more information, call (617) 495-7461 or visit <http://www.cfa.harvard.edu/cfa/ep/obsnight.html>.

Sept. 16

"The Search for Earth-Like Planets," David Latham, Center for Astrophysics

Oct. 21

"A Stroll Through The Sun's Neighborhood," Sallie Baliunas, Center for Astrophysics

Nov. 18

"Just A Matter Of Scale," Hank Donnelly, Center for Astrophysics

Dec. 16

"Mysteries of Titan," Mark Gurwell, Center for Astrophysics

HMNH Science Lectures

The Harvard Museum of Natural History (HMNH) offers a variety of free, public lectures throughout the year. Lectures take place in the Geological lecture Hall, 24 Oxford St., at 6 p.m. Visit <http://www.hmnh.harvard.edu> for details.



■ **Sept. 17**
"The King of the Beasts: What Are the Prospects for Saving the World's Largest Carnivores?" Joshua Ginsberg, The Wildlife Conservation Society

■ **Sept. 30**
"Was Mars Ever a Biological Planet?" Andrew Knoll, member of NASA's Mars Exploration Rover science team



Staff file photo Kris Snibbe/Harvard News Office

Sackler Saturdays, a free program for parents and children, encourages appreciation of art through hands-on activities at the Sackler Museum.

Oct. 7

"The Legendary Lions of Tsavo: Manes and Man-Eating Revisited," Bruce Patterson, MacArthur Curator of Mammals at the Field Museum

Oct. 14

"The Origins of Life on Earth: Did It All Begin in a Warm Little Pond?" Antonio Lazcano, National Autonomous University of Mexico

Nov. 4

"Why Is the Earth Like It Is? Lessons from Geobiology," Ken Neelson, University of Southern California

Cambridge Family Football Day

Cambridge families are invited to attend opening day of football season 2004 at Harvard. Enjoy refreshments and the Harvard/Holy Cross football game at 12:30 p.m. Festivities begin at 11:30 a.m. in our tent located between Dillon Field House and the Palmer Dixon Courts at Harvard Stadium. To reserve tickets, call Harvard Community Affairs (617) 495-4955 by Sept. 13.

■ **Sept. 18**
Harvard University vs. Holy Cross

Sackler Saturdays

The Sackler Museum offers Sackler Saturdays, a FREE program open to the public. This fall the theme is "Dressed to Impress: What Did Ancient People Wear?" The museum hosts a variety of games, storytelling, sketching, costumes for kids to try on, and other self-guided activities. The event has been running for three years. Children must be accompanied by an adult, and activities are aimed at 6-11-year-olds. Upcoming Sackler Saturdays are Feb. 5 and March 12.

Call Lynne Stanton at (617) 495-4402 for more information.

■ **Oct. 23**
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Oct. 1

Cambridge Housing Assistance Fund (CHAF) 6th Annual Benefit Concert for the Homeless

Allston-Brighton Day

Allston-Brighton residents are cordially invited to join your neighbors for an afternoon of Harvard football. Hosted by Harvard's Office of Community Affairs and Department of Athletics, this year's event will take place at the Allston-Brighton Tent, located between the Dillon Field House and the Palmer Dixon Tennis Courts at Harvard Stadium. Enjoy a complimentary lunch at 11 a.m. and pick up your free tickets to the Harvard-Northeastern football game, which kicks off at 12:30 p.m. For reservations, please call (617) 495-4955 or e-mail Patricia_Delaney@harvard.edu no later than Oct. 13.

■ **Oct. 16**
Harvard vs. Northeastern

For more events throughout the academic year, visit <http://www.news.harvard.edu/gazette/calendar>