

From Bean to Bar: The Sweet Science of Chocolate

A Holiday Lecture for Children and their Parents*

Where does chocolate come from?

Why does some chocolate melt in your mouth but not in your hand?

What makes a chocolate bar smooth and creamy?

Join us at the 2008 Holiday Science Lecture as we explore the science behind the chocolate we all love. We will use experiments, taste tests, and interactive demonstrations to investigate what makes the perfect chocolate bar. Together we will understand basic chocolate science: how to get chocolate from cocoa beans; how chocolate melts and can be formed into a solid bar; and what makes chocolate taste gritty or smooth. Come and be a scientist with us as we observe, touch, and taste one of your favorite foods: chocolate!

Saturday, December 13th

10:00 - 11:00 am or

1:00 - 2:00 pm

Harvard University

Science Center, Lecture Hall B

Free and Open to the Public

*Recommended for ages 7 and up

Preregistration required for guaranteed seating:

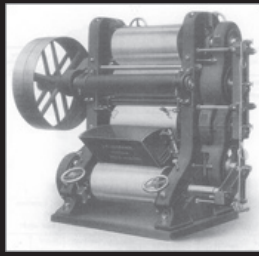
www.eduprograms.seas.harvard.edu/HolidayLecture/HLregister2008.php

For more information, visit

www.eduprograms.seas.harvard.edu/HolidayLecture

or send email to: [sciencetix @ seas.harvard.edu](mailto:sciencetix@seas.harvard.edu)

Tel: (617) 496-7479



Sponsored by Harvard Faculty of Arts and Sciences, Harvard University Office of the Provost, the Harvard School of Engineering and Applied Sciences, the Materials Research Science and Engineering Center (MRSEC) at Harvard, the Nanoscale Science and Engineering Center (NSEC) at Harvard, the Microbial Sciences Initiative at Harvard, and Unilever.

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Lecture prepared by A.C. Rowat, N. Sinha, A. Fiorentino, D. Rosenberg, K. Hollar and H.A. Stone.

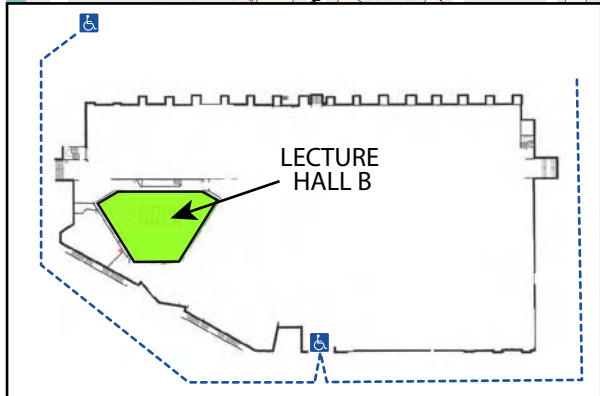
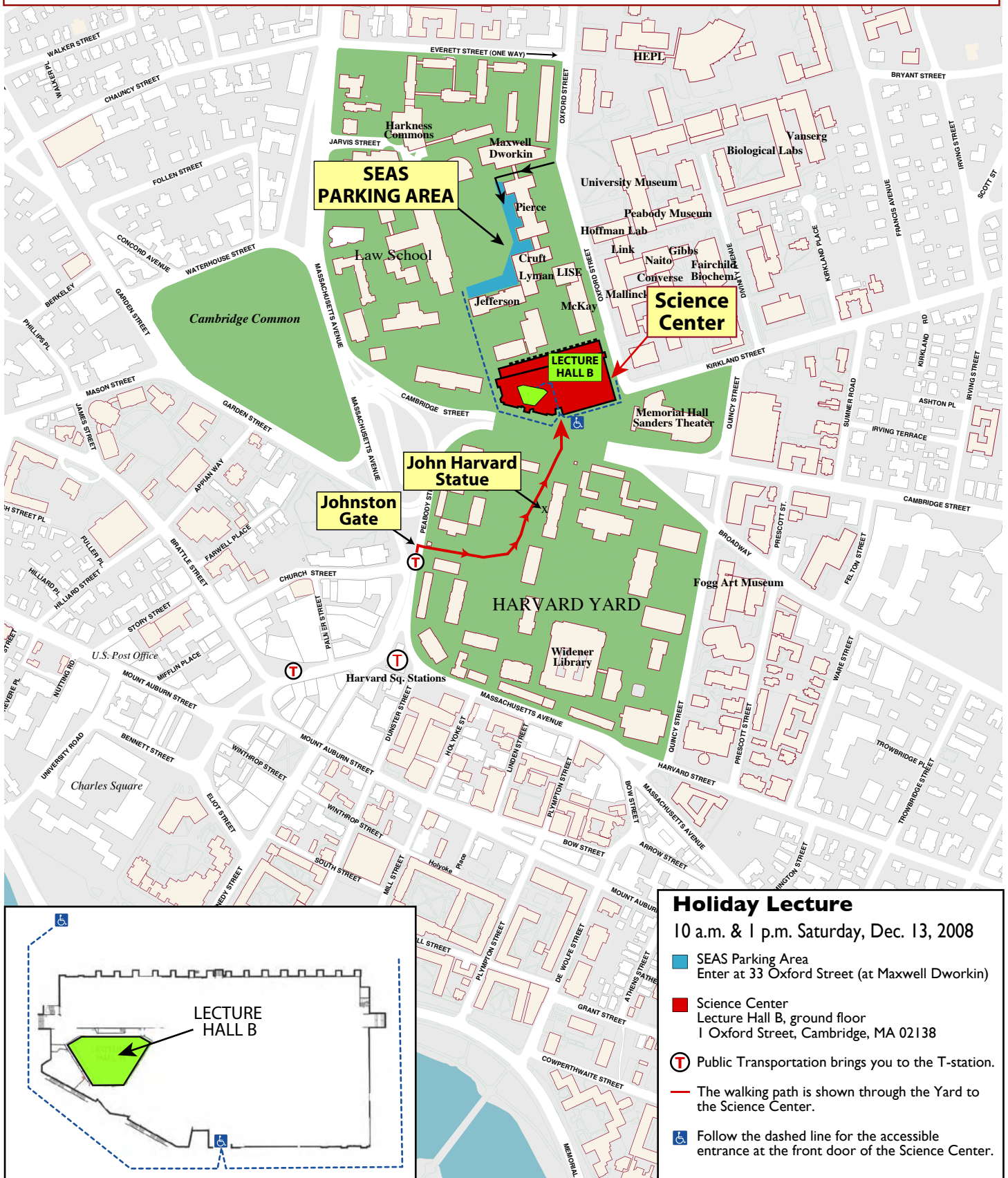


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Harvard University Science Center

10 a.m. & 1 p.m. Saturday, December 13, 2008



Holiday Lecture
 10 a.m. & 1 p.m. Saturday, Dec. 13, 2008

- SEAS Parking Area
Enter at 33 Oxford Street (at Maxwell Dworkin)
- Science Center
Lecture Hall B, ground floor
1 Oxford Street, Cambridge, MA 02138
- Ⓣ Public Transportation brings you to the T-station.
- The walking path is shown through the Yard to the Science Center.
- ♿ Follow the dashed line for the accessible entrance at the front door of the Science Center.