



museum of  
science+industry  
chicago

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**INNOVATIVE PROGRAM GIVES HIGH-SCHOOL STUDENTS  
EXTRAORDINARY OPPORTUNITY TO EXPLORE THE HUMAN HEART**

Students can imagine themselves as cardiologists-in-training as they interact via videoconference with a surgical team during live open heart surgery through an innovative program provided by the Museum of Science and Industry.

Over 18,000 students have participated in *Live...From the Heart* since it debuted in February 2003. Students in grades 8 through 12 participate in an onsite classroom at the Museum and up to three other remote sites across the country. Students use an “investigation journal” to track information about the patient and take part in activities that illustrate key lessons about heart health.

The program occurs at 9 a.m. every Wednesday during the school year. Demand for the program is high – all sessions are booked before the school year begins, and more than 40 schools are on the waiting list.

“This program brings classroom learning to life,” said Bryan Wunar, Director of Teaching and Learning for the Museum’s Center for the Advancement of Science Education. “*Live...From the Heart* gets students excited about science, which helps us achieve the Museum’s vision to inspire and motivate all children to achieve their full potential in the fields of science, technology, medicine and engineering.”

The program is designed to help students understand their own heart and make better lifestyle choices to keep their heart healthy. Students also explore various careers in the health sciences by interacting via videoconference with the entire surgical team during a low-risk coronary artery bypass graft surgery that takes place at Advocate Christ Medical Center in Oak Lawn, Ill.

Prior to viewing the surgery, teachers receive a kit to help them prepare students for the broadcast and to maximize learning. The kit includes lesson plans for hands-on experiments that explore the learning goals.

The program is provided at the Museum in a technology-rich classroom completely wired from ceiling to floor and equipped with videoconferencing and networking capabilities. This technology is a unique way to provide students on field trips with access to real science professionals.

**The Museum of Science and Industry (MSI)**, Chicago offers thousands of fun and interactive exhibits and one-of-a-kind, world-class experiences to inspire the inventive genius in everyone. Through its Center for the Advancement of Science Education, MSI also aspires to a larger vision: to inspire and motivate children to achieve their full potential in science, technology, medicine and engineering. Come visit and find *your* inspiration! MSI is open every day except December 25, and regular hours are 9:30 to 4 p.m. Monday through Saturday and 11 a.m. to 4

p.m. on Sunday. The Museum is supported in part through the generosity of the people of Chicago through the Chicago Park District. For more information, find MSI online at [msichicago.org](http://msichicago.org) or call (773) 684-1414 or (800) GO-TO-MSI outside of the Chicago area.

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