

HHMI Visiting Scholar
Maria Klawe, Ph.D.
President, Harvey Mudd College



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Public Lecture

***Broadening the
Computing Community***

**Tuesday, March 25th
11:10 a.m.
Lewis Lab, #270**

Computing is one of the least diverse disciplines in science and engineering in terms of participation by women, African-Americans and Hispanics, and the only discipline where participation by women has significantly decreased over the last three decades. While our discipline does well in encouraging members of underrepresented groups to go on to graduate programs, we have been less successful in attracting members of these groups into undergraduate programs. This talk discusses successful strategies for significantly increasing the number of women and students of color majoring in computer science.

Maria Klawe began her tenure as the first female president of Harvey Mudd College's (HMC) in 2006. Prior to joining HMC, she served as dean of engineering and professor of computer science at Princeton University. Klawe joined Princeton from the University of British Columbia where she served in various roles from 1988 to 2002. Prior to UBC, Klawe spent eight years with IBM Research in California and two years at the University of Toronto. She received her Ph.D. (1977) and B.Sc. (1973) in mathematics from the University of Alberta.

Klawe has made significant research contributions in several areas of mathematics and computer science, including functional analysis, discrete mathematics, theoretical computer science, human-computer interaction, gender issues in information technology and interactive-multimedia for mathematics education. Her current research focuses on discrete mathematics. She is a member of the board of Microsoft Corporation, Broadcom Corporation and the nonprofit Math for America, a fellow of the American Academy of Arts & Sciences, a trustee for the Mathematical Sciences Research Institute in Berkeley and a member of both the Stanford Engineering Advisory Council and the Advisory Council for the Computer Science Teachers Association.