Tuesday, October 27, 2009
4:00 P.M.
Quinlan Life Sciences Building Auditorium (Room 142)
Lake Shore Campus

“Serious Games”

Speaker:
Maria Klawe
President, Harvey Mudd College

Abstract:
Ever since the advent of video and computer games almost thirty years ago, efforts have been made to create electronic games that would achieve a variety of “serious” objectives ranging from education, to healthcare to military training. This talk describes a variety of current serious game projects including Senior Prom, a version of Dance Dance Revolution for elders, and web-based math games for K–12.

Bio Sketch:
After earning degrees in Mathematics at the University of Alberta, Maria Klawe has held several prestigious positions in academia and industry; she currently serves as President of Harvey Mudd College. Maria has made significant research contributions in several areas of mathematics and computer science including functional analysis, discrete mathematics, theoretical computer science, and the design and use of interactive-multimedia for mathematics education.

Maria has also engaged passionately in several research studies and other efforts geared towards increasing the participation of women and other under-represented groups in science, engineering, and especially computer science.

Maria is a Past President of the Association for Computing Machinery, has also served on several other professional boards, and has received many awards including several honorary doctorates.

Sponsored by Loyola's Department of Computer Science, Career Center, College of Arts & Sciences, Math/Science Departments, and the Chicago Chapter of the ACM.

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