



Computers and Cognition

Osher Fellowship Lecture Series

Judah Schwartz

*The Computer
as Intellectual
Mirror*

January 15

8:00 p.m.

McBean Theater
Exploratorium

Jeanne Bamberger

Musical Wayfinding

January 22

8:00 p.m.

McBean Theater
Exploratorium

Kristina Hooper Woolsey

*Design, Cognition,
and Technology*

February 5

8:00 p.m.

McBean Theater
Exploratorium

E X P L O R A T O R I U M

Exploratorium
3601 Lyon Street
San Francisco, CA 94123

Computers and Cognition

Osher Fellowship Lecture Series

Judah Schwartz: "The Computer as Intellectual Mirror"

January 15, 8:00 p.m., McBean Theater

Dr. Schwartz is Professor of Engineering Science and Education at MIT and Professor of Education and Co-Director of the Educational Technology Center at the Harvard Graduate School of Education. In his talk, Dr. Schwartz will present ways in which computers let us explore our own processes of understanding. Through his interest in improving the teaching and learning of mathematics and science, Dr. Schwartz is involved in creating software that enables both children and adults to explore the depth and breadth of their own understanding.

Jeanne Bamberger: "Musical Wayfinding"

January 22, 8:00 p.m., McBean Theater

Dr. Bamberger is Professor of Music at MIT and Director of The Laboratory for Making Things. Her talk will be based on her observations of how children learning music raise issues and questions that cut across many other subject areas. Dr. Bamberger, who uses cognition research in her teaching, has developed a method of teaching music that replaces traditional musical theory with "Tune Blocks," which are based on the primary building blocks of music. With this innovative system, both children and adults can easily begin to learn about the basic structures of music.

Kristina Hooper Woolsey: "Design, Cognition, and Technology"

February 5, 8:00 p.m., McBean Theater

Dr. Woolsey is the Co-Founder and Director of the Apple Computer Multimedia Lab, and was on the faculty of MIT and U.C. Santa Cruz. In her talk, she will discuss the potential impact of multimedia technology in everyday situations. Her research work in combining computer and imagemaking technologies focuses on the highly interactive nature of the multimedia process and the affect it has on cognition and existing modes of thinking.

Lectures are free with museum admission. Seating is limited to 175. To reserve seats, call (415) 561-0361.

Through an endowment from the Bernard Osher Foundation, the Exploratorium has established a program in which outstanding people from the arts, sciences, and humanities are in-residence at the museum, working with staff on programs and exhibits. Previous Osher Fellows include Oliver Sacks, Edward T. Hall, Guillermo Gomez Peña, and Philip and Phylis Morrison.

LDJHIO IWIA
Current Artist in residence

PETER RICHARDS
in charge of a-i-r program.

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