

CHIFOO 2004 Speaker Series



Human Development and Technology
in the Information Age

Series Overview

The adoption of all things Internet has raised America's love affair with technology to a fevered pitch. No area of our daily lives is untouched by the rapid changes in technologies, but few are as important to our long term financial and developmental health as education. In this 10-month series, CHIFOO invites psychologists, educators, researchers and technologists to provide insight into the rapidly changing landscape of technology and learning. This wide-ranging series examines technology in the classroom, in brain development, and in adult and community education.

Each talk showcases a technology in the context of the learning objectives for a defined audience. Speakers also present the methods they used to evaluate the effectiveness of the technology.

Leo Frishberg, CHIFOO Program Chair

Time and Location

7:00 PM CHIFOO Program
St. Anne's Chapel
Marylhurst University
17600 Pacific Hwy (Hwy 43)
West Linn, Oregon

Admission \$25

Advanced purchase - \$10

- Marylhurst University Bookstore
- Online at www.chifoo.org

At the door - \$25

- Members - \$10
CHIFOO, GAG, IPN, STC, SWE,
and Cascade SIGGRAPH
- Educators - \$10

2004 CHIFOO Membership - \$20

Sponsored by:

CHIFOO
Marylhurst University
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Wednesday, March 10, 2004

Connecting or Disconnecting - The Growing Brain and Digital Technologies

Jane M. Healy, Ph.D.

Computers and TV influence the developing brain, with learning disabled students particularly vulnerable to their positive or negative effects. Moreover, many so-called "disabilities" turn out to be assets in a fast-changing electronic world demanding new kinds of thinking and reasoning skills. Healy, author of *Endangered Minds: Why Our Children Don't Think*, explains current brain research by exploring such questions as:

- What kinds of skills will be important in the world of the future?
- Why are many so-called "learning disabled" students particularly suited to creative work in today's computer culture? How could dyslexia be an asset?
- How can we encourage new forms of intelligence without compromising the core skills of communication, reading, attention, and problem solving?
- What are the ages and stages of brain growth, and how can we help children maximize development?
- What about video games?
- Why is the "emotional brain" so important in all learning?
- How can parents and teachers set positive guidelines for children's media use?

Jane Healy is a teacher and educational psychologist. Her major research interest has been in finding practical applications of current brain research for teachers and parents. A graduate of Smith College, she holds an MA from John Carroll University, a PhD from Case Western Reserve University, and has done post-doctoral work in developmental neuropsychology. Jane's many years of experience include parent, classroom teacher, reading/learning specialist, elementary administrator, and clinician. She is recognized internationally as author, lecturer, and consultant for her ideas about the impact of technology, media and culture on children's brain development.



Jane's award-winning books include: Your Child's Growing Mind: A Guide to Learning and Brain Development from Birth to Adolescence, Endangered Minds: Why Children Don't Think and What We Can Do About It, and Failure to Connect: How Computers Affect Our Children's Minds - and What We Can Do About It.

CHIFOO  (ky-foo')

Compter-Human Interaction Forum Of Oregon

The Oregon and Southwest Washington chapter of ACM SIGCHI facilitating the exchange of practical and theoretical ideas about human-computer interaction.

