

# Electronic Textbooks that Enhance Education



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## Education and experiences

PhD, Michigan State University, 2000

B.S., Hope College, 1993

## Areas of expertise

Educational Technology, Web Technologies

## Grants and awards

HP Teaching with Technology, May 2004

NSF CCLI, Dec. 2001

## Key publications and presentations

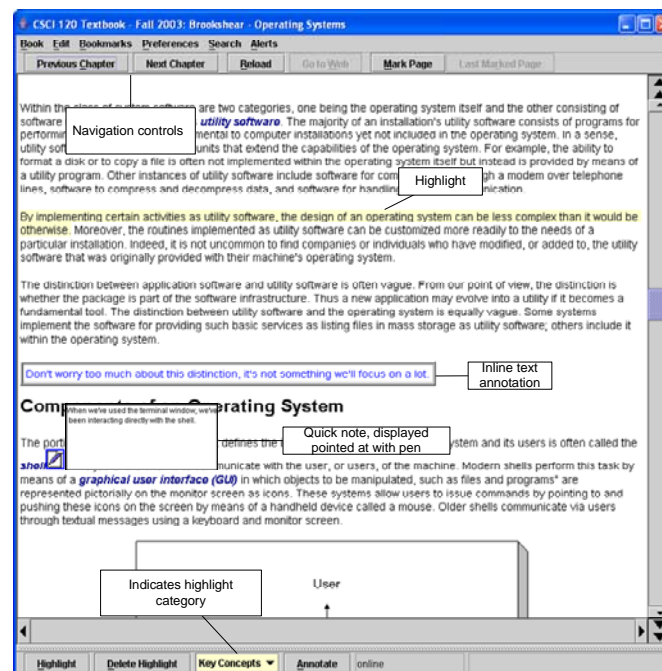
McFall, R.L., *Electronic Textbooks That Transform How Textbooks Are Used*. The Electronic Library, 2005. 23(1)

McFall, R. L., Dershem, H. L., & Davis, D. (2006).

Experiences using a collaborative electronic textbook: Bringing the guide on the side home with you. Paper presented at the *Thirty-Seventh SIGCSE Technical Symposium on Computer Science Education*, 339-343.

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My research focuses on how the unique capabilities of digital media can support electronic textbooks that are more useful for student learning



Sharable text annotations form the backbone of our strategy

Digital media also facilitates new study techniques focused on these annotations

Instructors can relate text passages to class discussion, allowing the textbook to be localized for a given environment

**Students Dan Hansens and Chris Johnson in Milan, Italy after a research presentation**

