

**GRANTS,
HONORS &
FELLOWSHIPS**

Date	Name of Grant, Honor, or Fellowship
May 2004	Hewlett-Packard Technology for Teaching, \$69,613
March 2004	Simon denUyl fellow, Hope College
Feb. 2004	Developing and Deploying a Database to Increase the Usefulness of the ETS Major Field Test for Computer Science Department Program Assessment (Midwest Instructional Technology Center, \$5,000)
May 2002	National Science Foundation Course, Curriculum And Laboratory Improvement, \$84,947
Sep. 2000	Outstanding Engineering Teaching Assistant, Michigan State University
Jan. 2000	Dissertation Completion Fellowship, Michigan State University, \$5,000
May 1993	Computer Science Senior Prize (Outstanding student in Computer Science) Hope College
April 1993	Elected to Hope College Chapter of Phi Beta Kappa

PUBLICATIONS

McFall, Ryan L. , Herbert L. Dershem, and Darcy Davis. "Experiences Using a Collaborative Electronic Textbook: Bringing the "Guide on the Side" Home with You." Thirty-Seventh SIGCSE Technical Symposium on Computer Science Education. Houston, TX: ACM, 2006. 339-43. Vol. 38. 1 vols.

McFall, Ryan L. "Electronic Textbooks That Transform How Textbooks Are Used." The Electronic Library 23.1 (2005): 72-81.

McFall, Ryan L. "Evaluation of a Prototype of an Electronic Textbook Application." Trans. Association for Advancement of Computing in Education. World Conference on Educational Multimedia, Hypermedia & Telecommunications. Lugano, Switzerland: Association for Advancement of Computing in Education, 2004.

McFall, Ryan L., Mark Urban-Lurain, and Donald J. Weinshank. "A Web-to-Database System for Collecting Student Data." Frontiers in Education. Boston, MA: IEEE, 2002. F1E14-F1E18.

McFall, Ryan L., Herbert L. Dershem, and Ngozi Uti. "Animation of Java Linked Lists." Thirty-third SIGCSE Technical Symposium on Computer Science Education. Eds. Judith Gersting, Henry M. Walker and Scott Grissom. Northern Kentucky, 2002. 53-57. Vol. 34. 1 vols.

McFall, Ryan L., and Gordon Stegink. "Introductory Computer Science for General Education: Laboratories, Textbooks and the Internet." Twenty-eighth SIGCSE Technical Symposium on Computer Science Education. Ed. James E. Miller. San Jose, CA, 1997. 96-100. Vol. 29. 1 vols.

McFall, Ryan L., and Herbert L. Dershem. "Finite State Machine Simulation in an Introductory Lab." Twenty-fifth SIGCSE Technical Symposium on Computer Science Education. Ed. Daniel Joyce. Phoenix, AZ: Association for Computing Machinery, 1994. 126-30. Vol. 26. 1 vols.

PRESENTATIONS

& INVITED ADDRESSES

McFall, Ryan. "Design and Implementation of an Electronic Textbook", Albion College Colloquium, March 2005.

McFall, Ryan, Elizabeth Dahm, Daniel Hansens, Christopher Johnson, and Joshua Morse. "A Demonstration of a Collaborative Electronic Textbook Application on the Tablet PC." Poster presentation at 2004 World Conference on Educational Multimedia, Hypermedia & Telecommunications. Lugano, Switzerland.

McFall, Ryan. "Student and Instructor Centered Electronic Textbooks." Poster presentation at National Science Foundation CCLI Showcase (held in conjunction with Thirty-third SIGCSE Technical Symposium on Computer Science Education), Norfolk, Virginia.

PROFESSIONAL ACTIVITIES

Author of PhotoMatch, a computer implementation of the board game "Memory" using digital photos.
Author of open source, online survey software used on Hope and Michigan State University campuses.
Panels Coordinator, SIGCSE Annual Conference on Computer Science Education, March 2003.
Invited Workshop Participant, Microsoft Research Tablet PC in Education workshop, August 2004 and August 2005.

PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery
ACM Special Interest Group in Computer Science Education