

## Designing for Older Adult Users of Web, Mobile, and Handheld Technologies

**S. Ann Becker, Ph.D. • Florida Institute of Technology**  
3:00 – 4:15 p.m. • Kellogg Hotel & Conference Center • Big Ten Room C  
*Reception to follow*

Technologies today provide an extraordinary opportunity to promote better living for the rapidly expanding older adult population. For older adults, the Web has become a popular supplement to traditional healthcare channels. Mobile and handheld technologies are also emerging as important resources in the pursuit of aging in place and quality of life initiatives. Unfortunately, poorly designed and overly complex interfaces may prevent older adults from utilizing these technologies.

The presentation highlights the integral roles of students and community partners in scholarly engagement. Students in computer science, psychology, computer education, computer information systems, and computer engineering have made important contributions to technology design, data analysis, usability studies, and home use studies. The community research collaborator, East Central Florida Memory Clinic, contributed support for usability and home use studies.

Community participation for technology use in remote communities and opportunities available through National Science Foundation support for scholarly engagement and dissemination are also featured.

This session is part of the Michigan State University commemoration of World Usability Day. *World Usability Day promotes the value of usability engineering, user-centered design, and every user's responsibility to ask for things that work.*

**! Please register online at**  
**[ncsue.msu.edu](http://ncsue.msu.edu) by Friday, Nov. 2, 2007.**

This NCSUE event is **co-sponsored** by:

- Media Interface & Network Design (M.I.N.D.) Lab
- Biomedical Research & Informatics Center

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**Thursday, Nov. 8, 2007**

*Kellogg Hotel & Conference Center  
Michigan State University*



**S. Ann Becker, Ph.D.**

**Professor, Management  
Information Systems and  
Computer Science**

**Florida Institute of Technology**

Dr. S. Ann Becker is a professor of management information systems and computer science and the director of the National Center for Small Business Information at Florida Institute of Technology. Dr. Becker has extensive experience in teaching, research, and consulting in electronic commerce, database technologies, Web and handheld usability, and software engineering. She has a Master of Business Administration and a Master of Science and Ph.D. in information systems from the University of Maryland, College Park.

Dr. Becker has over 100 publications, many of which have been supported by research funding from Texas Instruments, IBM, the National Science Foundation, the Jet Propulsion Laboratory, the Alzheimer's Association, and the Agency for Healthcare Research and Quality. She has been awarded over \$1.5 million in research grants as principal or co-principal investigator.

Dr. Becker is an associate editor for the *Journal of Database Management*, *Journal of Electronic Commerce in Organizations*, and *International Journal of Cases on Electronic Commerce*.

This event is free and open to the public. Seating is limited.

Michigan State University is committed to providing equal opportunity for participation in all programs, services, and activities. Accommodations for persons with disabilities may be requested as part of the registration by November 2, 2007. Requests received after this date will be honored whenever possible.