

Sarah J. Swierenga, Ph.D., C.P.E.
Director, Usability/Accessibility Research and Consulting
Michigan State University, East Lansing, MI
517-353-8977, sswieren@msu.edu

Summary of Qualifications

Experienced researcher and a practitioner with over 25 years of experience in the scientific study of users in commercial, government, academic, and military environments. Extensive skills in user interface design, data collection tools and methodologies including usability evaluations, focus groups, expert evaluations, interviews, and questionnaires. Supervised both human factors professionals and interns. Taught graduate and undergraduate human-computer interaction courses. Thesis committee member for human factors psychology, digital rhetoric, and telecommunication graduate students. Recognized as specialist in usability and accessible website design. Has presented widely on health communication technology, accessible electronic voting systems, outdoor recreation knowledge management, and accessible website design, which comprise my research programs. Served as an alternate member of the U.S. Access Board 508/255 Refresh Committee and as Invited Expert on the World Wide Web Consortium (W3C), Web Content Accessibility Guidelines (WGAG) 2.0 Evaluation Methodology Task Force and the W3C WAI WCAG 2.0 Working Group. Currently am a member of the National Institute of Standards and Technology Voting Systems Human Factors Working Group, and the Usability in Civic Life, Voting and Usability Project.

Education

- | | |
|--|-------------|
| Ph.D., Human Factors Psychology | 1986 |
| <ul style="list-style-type: none">• Major Area: Human-computer interface design University of South Dakota, Vermillion, South Dakota | |
| M.A., Human Factors Psychology | 1984 |
| University of South Dakota, Vermillion, South Dakota | |
| B.A., Psychology | 1982 |
| Calvin College, Grand Rapids, Michigan | |

Professional Experience

Michigan State University

2004-Present

**Usability/Accessibility Research and Consulting (UARC)
University Outreach and Engagement**

Director (and Professor by Courtesy, College of Communication Arts and Sciences, Dept. of Media and Information)

Responsible for managing a team of user experience professionals and interns on usability and accessibility consulting and research projects to enhance the experiences of a diverse range of users on websites, mobile apps, software, and other technologies. Works with clients from business, government, academia, and community organizations, and collaborates with faculty and researchers from a variety of disciplines on research grants. Provides technical expertise on user experience projects, including usability evaluations (including individuals with disabilities), user interface expert reviews, user focus groups, information architecture redesigns, and surveys; and consults on digital accessibility policy and strategy. Hosts the annual Michigan World Usability Day conference.

University of Dayton

Research Institute & Department of Psychology

**Senior Human Factors Research Psychologist &
Visiting Assistant Professor of Psychology**

2002-2004

This joint appointment involved military and commercial usability and accessibility testing, managing research programs, and teaching graduate and undergraduate courses. Projects included:

- Performed commercial web accessibility evaluations for 19 LexisNexis products.
- Designed and conducted commercial and military product usability evaluations.
- Managed a web accessibility research program to examine strategies that sightless users utilize to perform web search and retrieval tasks using assistive technologies. Received an Ohio Board of Regents grant in May, 2003, to continue the research program.
- Received an internal research grant to study students' perceptions and experiences with e-learning environments.
- Conducted surveys and usability testing on handheld devices for military aircraft maintenance personnel.
- Taught graduate courses on human-computer interaction and engineering psychology, and an online undergraduate course in introductory psychology.
- Served as thesis committee advisor/member for four human factors students.

Independent Consultant

2001–2002

- Co-authored a book on web accessibility, *Constructing Accessible Web Sites* (glasshaus, 2002, reprint edition, APress, July 14, 2003).
- Independent consultant for the TerraNova Group (www.terranova.tv).
- Submitted contract proposals for implementing corporate accessibility compliance programs and enhancing web sites for disabled users.

- Professional presentations on accessible web design.

LexisNexis (formerly Mead Data Central), Miamisburg, OH

Consulting Human Factors Engineer

1994–2002

Senior Human Factors Engineer

1992–1994

The LexisNexis services make up one of the world's largest full-text databases, providing online access to millions of legal, news, and business documents.

Promoted user-centered design concepts and methodologies for over 80 LexisNexis products.

- Organized and led the LexisNexis accessibility compliance initiative. Significant contribution to protect 40 to 50 million dollars in annual revenue from the federal government.
 - Evaluated and provided technical consulting on over 50 products.
 - Creating an organizational strategy for implementing Section 508 of the Rehabilitation Act for all of the flagship products.
 - Developed technical guidelines for applying the regulation.
 - Gave formal presentations to raise company-wide awareness of accessibility compliance issues.
 - Recognized as the company expert.
- Provided human factors leadership on several significant projects for business, academic, government, and law enforcement professionals.
 - Developed user interface designs, developed design concept prototypes, and implemented accessible web design standards.
 - Performed front-end task analyses, conducted concept tests, usability tests, and customer interviews, performed accessibility compliance evaluations, and administered customer feedback surveys.
 - Developed internal user interface design style guides for hypertext and graphical user interfaces.
 - Mentored other human factors engineers and interns.

Logicon Technical Services, Inc., Dayton, OH

1989–1992

Systems Research Laboratories, Inc., Dayton, OH

1986–1989

Senior Engineering Research Psychologist

Managed several research programs in the Design Effectiveness Technology (DEfTech) Laboratory within the Armstrong Laboratory (formerly the Aerospace Medical Research Laboratory) at Wright-Patterson AFB, OH. Projects included:

- Contract Focal Point Focal point of the DEfTech Laboratory. Allocated financial resources, supervised computer scientists, engineers, and psychology associates/assistants, wrote personnel and equipment requisitions, and conducted hiring interviews with candidates for all positions within the Laboratory. Submitted monthly progress reports, and submitted contract task responses and proposal papers.
- Human Factors lead on the design team that developed a commercially available multimedia design tool, called Computer Aided Systems Human Engineering (CASHE), for crew system designers. CASHE included human perception and performance data and a simulation capability. Designed the user interface for the interactive visual search test bench module.

- Surveyed crew system designers on their use of human factors engineering information in system design.
- Managed and conducted research on the Rapid Communication (RAPCOM (p)) Display Technology, which is based on the rapid sequential presentation of discrete frames of information via a single, spatially fixed display window. The objective of these studies was to determine the feasibility of implementing RAPCOM displays in real-world applications such as military crew stations, air traffic control centers, and anesthesiology workstations.
- Conducted research to evaluate the effect of different visual display designs (including RAPCOM displays) on spatial orientation/localization and situation awareness within the Visually Coupled Airborne Systems Simulator Laboratory at WPAFB.
- Consulted on the final publication drafts of the *Engineering Data Compendium: Human Perception and Performance* (Boff & Lincoln, 1988). Managed the creation of the Design Question Checklist for system designers. Contributed design questions for several topics.
- Participated in a think tank established to investigate the effects of computer conferencing and computer "associates" on collaborative problem solving.

Wright State University, Dayton, OH

1990–1992

Adjunct Professor

Taught a graduate course on advanced topics in cognition and learning and an undergraduate introductory psychology course.

IBM, Boulder, CO

1985

Human Factors Student Intern

Participated in the design and evaluation of several printers and copiers. Design issues included display types (touch screens), user instructions, machine status displays, and help manuals. Developed simulations to evaluate various printer/copier prototype user interfaces.

Human Factors Laboratory, Univ. of South Dakota, Vermillion, SD

Research Associate

1982–1986

Conducted contract research on a variety of human-computer interaction issues such as alternative computer input device comparisons, cognitive modeling of human-machine systems, machine response time delays in embedded systems, and information management techniques. Responsibilities included experimental design, literature reviews, subject testing, data analysis, technical report writing, and supervision of undergraduate research assistants.

Allied Tube & Conduit, Harvey, IL

1981

Marketing Research Intern

Conducted marketing research on sales potential for different segments of Allied's total market. Developed a sales inquiry system, organized information by potential market category, and conducted telephone interviews.

Sociology Research Center, Grand Rapids, MI

1980–1981

Research Assistant

Conducted survey research for various administrative agencies within the college. Responsibilities included telephone interviews, data analysis, coding, and keypunching.

Certification

1994-Present Certified by the Board of Certification in Professional Ergonomics (CPE)

Clearance

5/2002 – 8/2004 Secret

12/1996 – 6/1992 Secret

Professional Memberships

1982-Present Human Factors and Ergonomics Society

Test & Evaluation Association Newsletter Editor, 1991–1992

1983-Present Psi Chi, The International Honor Society for Psychology

1986-Present Sigma Xi, The Scientific Research Society

1986-2002 Human Factors and Ergonomics Society, Southern Ohio Chapter

President, 2003; Treasurer, 1997, 2001; *Communiqué* Newsletter Editor, 1991–1993

1992-Present American Psychological Association, Division 21

1995-present User Experience Professionals Association (formerly Usability Professionals Association)

2004-Present ACM Special Interest Group for Computer-Human Interaction (SIGCHI)

2004-Present Michigan Usability Professionals Association

2004-2011 Michigan Ohio Computer-Human Interaction (MOCHI)

2005-2015 Society for Technical Communication

2005-Present ACM Special Interest Group on Computer-Human Interaction

2006-Present ACM Special Interest Group on Accessibility

2010-2015 Society for Technical Communication AccessAbility Group

2011-Present Michigan CHI, the Michigan Local Special Interest Group in Computer Human Interaction (SIGCHI) of the Association for Computing Machinery (Michigan CHI)

2011-Present ACM Computer-Human Interaction User Experience Community (CHI UX)

Session Chair for International Conferences

Swierenga, S. J. (2013). Session Chair, Enhancing Government Website Usability, Human-Computer Interaction International Conference, Las Vegas.

Swierenga, S. J., Coursaris, C. K., & Van Osch, W. (2014). Session Chairs, Strategic Social Media and Usability, Human-Computer Interaction International Conference, Crete.

Swierenga, S. J., Coursaris, C. K., & Van Osch, W. (2015). Session Chairs, Strategic Social Media and Usability, Human-Computer Interaction International Conference, Los Angeles.

Swierenga, S. J., & Coursaris, C. K. (2016). Session Chair, User Experience in the Digital Age, Human-Computer Interaction International Conference, Toronto.

Swierenga, S. J., Abujarad, F., & Deaton, P. (2017). Session Chair, User Experience in the Digital Age, Human-Computer Interaction International Conference, Vancouver.

Community Outreach

2004-Present Michigan World Usability Day Conference – Organize and raise funding for annual usability and accessibility conference. Kellogg Center, East Lansing, MI

2005-Present User Experience Professionals Association – Usability in Civic Life, UXPA Voting and Usability Project

2006-2008 Telecommunications and Electronic and Information Technology Advisory Committee (TEITAC) – Advisory committee to the U.S. Access Board Section 508/255 Refresh Committee

2007 US Senate – Committee for Aging. Helped to draft bill to develop a national program for background checks. Senator Kohl.

2007 Nuevo Leon, Mexico – Manifesto on Usability and Accessibility of Mexican Government Websites. Advisory board member involved with drafting the manifesto.

2007-2011 TechSmith – Morae advisory committee

2009-2011 Capital Area Business Leadership Network – Disabilities Council

2011-2015 World Wide Web Consortium, Web Content Accessibility Guidelines 2.0 Evaluation Methodology Task Force – Invited Expert of task force that proposed an internationally harmonized methodology for evaluating the conformance of websites to WCAG 2.0.

2015-2016 World Wide Web Consortium, Web Content Accessibility Working Group – Invited Expert

2016-Present National Institute of Standards and Technology Voting Systems Human Factors Working Group – Invited Expert

Current Grants

Michigan Department of Licensing and Regulatory Affairs. *Health Information Technology to Prevent Abuse, Neglect, and Exploitation: Workforce Background Checks – Maintenance*. LARA Grant # BHCS/MSU FY17. Principal Investigator: **Swierenga, S. J.** 10/1/16–9/30/17, \$359,988.

Michigan Department of Licensing and Regulatory Affairs. *Health Information Technology to Prevent Abuse, Neglect, and Exploitation: Workforce Background Checks – Enhancing Child Care Division Background Check Processes*. LARA Grant # BHCS/MSU FY17. Principal Investigator: **Swierenga, S. J.** 10/1/16-9/30/17, \$67,291. Amendment 1, +\$38,559.

Michigan Health Endowment Fund (MHEF). *An Integrated Model for Personal Assistants Research and Training (IMPART)*. Grant #- R-1608-140357. Luz, C. (PI), **Swierenga, S. (Co-I)**, Luo, Z. (Co-I), Abujarad, F. (Co-I). 12/1/16-11/30/18, \$500,000.

Capital Area Transportation Authority. *Website Usability & Accessibility Study*. RFP 2016-116. **Swierenga, S. J.** (PI). 10/14/2016-12/30/2017, \$29,435.

Rollin M. Gerstacker Foundation. *Mental Health Knowledge for Youth (MHKY)*. Gift to MSU (MSU RG100699). Reibschleger, J (PI), **Swierenga, S. J.** (Co-PI). 1/1/2016–12/31/2016 (2-yr no-cost extension approved), \$25,979.

Patient-Centered Outcomes Research Institute (PCORI). *Improving Care Transitions for Acute Stroke Patients through a Patient-Centered Home Based Case Management Program*. Grant # R-D2C-1310-07420. Reeves, M. (PI) Freddolino, P. (Co-I), Hughes, A. (Co-I), Woodward, A. (Co-I), Coursaris, C. (Co-I), **Swierenga, S. J.** (Co-I), Chen, J. (Co-I), Lounds, N. (Co-I), Fitzgerald, J. (Co-I), Jones, N., Babbage, J. (Co-I). 8/16/2014–10/1/2017 (no cost extension approved through March 31, 2018), \$2,016,606.60.

State of California, Department of Industrial Relations. *Accessibility Compliance Evaluation for Division of Workers Compensation*. Contract # 41430038. Principal Investigators: **Swierenga, S. J.**, and Pierce, G. L. 7/1/2014–6/30/2017, \$47,000.

Prior Grants

Michigan Department of Licensing and Regulatory Affairs (U.S. Department of Health and Human Services – Center for Medicare and Medicaid Services). *Michigan Workforce Background Check – Enhancement*. Grant # 1A1CMS331188-0-00. Principal Investigator: Dennis, T. (Prime), 5/20/13–05/19/16, \$1,500,000. MSU Subaward Grant # BHCS/MSU-CMS NBCP 2013-2017. Principal Investigator of MSU Subaward: **Swierenga, S. J.**, 10/01/13-05/19/17, \$527,941. Michigan Department of Licensing and Regulatory Affairs. *Michigan Worker Background Check Maintenance*. LARA Grant # BHCS/MSU FY16. Principal Investigator: **Swierenga, S. J.** 10/1/15–9/30/16, \$300,634.

U.S. Department of Commerce, National Institutes of Standards and Technology. *Use of Personal Assistive Technologies in Voting*. Grant # 60NANB14D265. Principal Investigator: **Swierenga, S. J.**, Pierce, G. L. 10/1/14-9/30/15, \$40,342.

Michigan Department of Licensing and Regulatory Affairs. *Health Care Worker Background Check Project*. LARA Grant # BHCS/MSU FY15. Principal Investigator: **Swierenga, S. J.** 10/1/14–9/30/15, \$230,591.

Michigan Department of Environmental Quality. *MiWaters Usability Evaluation*. ACRO Contract No. 071B2200246; Requisitions #340, 344. Principal Investigator: **Swierenga, S. J.** 9/30/14–2/27/15, \$18,161.

Michigan Department of Treasury. *Information Architecture Evaluation of the Treasury Website*. ACRO Contract No. 071B2200246; Requisition #293. Principal Investigator: **Swierenga, S. J.** 9/30/14–2/27/15, \$30,864.

U.S. Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA). *Natural Resources Questionnaire Review and Clearance Package (U.S. Army Corps of Engineers)*. Grant # 2014-39586-22374. Principal Investigator: Propst, D. B., Co-PI: **Swierenga, S. J.** 9/1/2014–8/31/2016, \$75,000.

Michigan Economic Development Corporation/Michigan Department of Environmental Quality. *Information Architecture Evaluation of the MDEQ Website*. Grant # 00081224. Principal Investigator: **Swierenga, S. J.** 1/15/14–7/15/14, \$49,900.

National Institute of Standards and Technology. *Enhancement of Accessible Mobile Voting System Standards*. Grant # 70NANB13H150. Principal Investigator: **Swierenga, S. J.** 10/1/13–9/30/14, \$70,148.

Michigan Department of Licensing and Regulatory Affairs. *Health Care Worker Background Check Project*. LARA Grant # BHCS/MSU FY14. Principal Investigator: **Swierenga, S. J.** 10/1/13–9/30/14, \$208,962.

Michigan Department of Human Services. *Usability Evaluations of the Bridges Online and MiBridges Web Applications*. Grant # 084R320021. Principal Investigator: **Swierenga, S. J.** 1/15/13–7/14/13, \$75,000.

Information Technology & Innovation Foundation, Accessible Voting Technology Initiative. *Smart Voting Joystick for Accessible Voting Machines*. ITIF Subgrant Number: 2013004; Prime grant number: EAC110149B - U.S. Election Assistance Commission. Principal Investigator: **Swierenga, S. J.** 2/1/13–12/31/13, \$26,484.

Michigan Department of Licensing and Regulatory Affairs. *Health Care Worker Background Check Project*. LARA Grant # BHP/MSU 2013. Principal Investigator: **Swierenga, S. J.** 10/1/12-9/30/13, \$332,141.

USDA/CSREES. *Role of Internet and Mobile in Knowledge Transfer, Knowledge Management and Public Participation in Outdoor Recreation*. Grant # 2012-39573-20165. Principal Investigator: **Swierenga, S. J.** 9/1/12–8/31/13, \$81,235.

National Institute of Standards and Technology. *Design of Accessible Mobile Voting System Standards*. Grant # 70NANB12H290. Principal Investigator: **Swierenga, S. J.** 10/1/12–9/30/13, \$50,344.

USDA/CSREES. *Role of Internet in Knowledge Transfer, Knowledge Management and Public Participation in Outdoor Recreation*. Grant # 2009-39478-20071. Principal Investigators: **Swierenga, S. J.**, Propst, Dennis. 9/15/09–8/31/13, \$260,810.

Delaware State Department of Health. *Delaware Background Check System for the Division of Long Term Care Residents Protection*. Grant # DHSS 11-051. Principal Investigator: Elaine Forte, Yale New Haven Health Systems (Prime). Investigator (Principal Investigator of MSU contract): **Swierenga, S. J.** 1/18/12–5/30/13, \$23,000.

State of California, Department of Industrial Relations. *Accessibility Compliance Evaluation for Division of Workers Compensation*. Contract # 41030030 A-2. Principal Investigators: Swierenga, S. J., and Pierce, G. L. 11/1/2010–6/30/2014, \$39,000.

Michigan Department of Licensing and Regulatory Affairs. *Health Care Worker Background Check Project*. LARA Grant # M144131-2. Principal Investigator: **Swierenga, S. J.** 10/1/11–9/30/12, \$338,494.

National Institute of Standards and Technology. Contract # SB1341-10-SE-0985; *Accessible Voting Systems: Usability Performance Test Development*. Principal Investigator: Polly Seleski, iDoxSolutions (Prime agency); Principal Investigator of MSU subaward: **Swierenga, S. J.** 9/22/10–3/31/12, \$99,120.

Michigan Department of Licensing and Regulatory Affairs. *Health Care Worker Background Check Project*. MDCH Grant # 20110499-00. Principal Investigator: **Swierenga, S. J.** 10/1/10–9/30/11, \$329,604.

Agency for Health Research Quality (AHRQ). *ED Disability Diagnostic Tool: An HIT Feasibility Study*. Grant #: 1R01HS018420-01 - GRANT10202160. Principal Investigator: Lori Post, Yale University (Prime agency). NIH score 169, 6th percentile. 8/1/10–5/30/15, \$2,498,077. Investigator (Principal Investigator of MSU contract): **Swierenga, S. J.** 8/1/10–5/30/13, \$40,698.

Michigan Department of Community Health. *Health Care Worker Background Check Project*. MDCH Grant # 20101041, Amendment 1. Principal Investigator: **Swierenga, S. J.** 10/1/09–9/30/10, \$336,272.

- Michigan Department of Community Health. *Background System Expansion and Transition*. MDCH Grant # 11-P-93042. Principal Investigator: **Swierenga, S. J.** 10/1/08–9/30/09, \$433,110.
- USDA/CSREES. Role of Internet in Knowledge Transfer, Knowledge Management and Public Participation in Outdoor Recreation. Grant # 2008-39478-19461. Principal Investigators: Propst, Dennis; **Swierenga, S. J.** 9/15/08–9/14/09, \$235,973.
- State of California, Department of Industrial Relations. *Accessibility Compliance Evaluation for Division of Workers Compensation*. Contract # 40730042. Principal Investigators: Swierenga, S. J., and Pierce, G. L. 4/7/08–6/30/10, \$66,500.
- Michigan Department of Community Health. *Background System Expansion and Transition*. MDCH Grant # 20080000. Principal Investigator: Post, Lori. 10/1/07–9/30/08, \$533,068 (Role: Investigator).
- USDA/CSREES. *Development of Analytical Tools and Knowledge Transfer in Corps of Engineers Recreation Program – Continuation No. Four*. Grant # 00319521. Principal Investigators: Propst, Dennis; **Swierenga, S. J.** 9/15/07–9/14/08, \$226,000.
- Michigan Nutrition Network (U.S. Department of Agriculture). *Usability and Accessibility of Nutrition and Physical Activity Education Information for Blind and Low Vision Internet Users*. Grant # ADMIN-08-99009. Principal Investigators: **Swierenga, S. J.**; Coursaris, Constantinos K.; Whitten, Pam. 10/1/07–9/20/08, \$81,000.
- Michigan Department of Community Health (U.S. Department of Health and Human Services – Centers for Medicare and Medicaid Services). *Vulnerable Medicaid Populations: A Public Policy Assessment of Abuse Reduction*. Grant #: CFDA 93.778. Principal Investigators: Post, Lori A.; **Swierenga, S. J.**; Oehmke, James F.; Mastin, Theresa; Conner, Thomas L.; Page, Connie F.; Salmon, Charles T.; Parr, Cardona; Jose, Ruben; Schiamberg, Lawrence; Holmes, Denise L. 10/1/07–9/30/08, \$799,106; 10/1/06–9/30/07, \$994,034; 10/1/05–9/30/06, \$873,047; 5/1/05–9/30/05, \$197,196.
- Michigan Department of Community Health (U.S. Dept. of Health and Human Services – Centers for Medicare and Medicaid Services). *Michigan Program for Background Checks for Employees with Direct Access to Individuals Who Require Long-Term Care*. Grant # 11-P-93042/5. Principal Investigators: Post, Lori A.; Oehmke, James F.; **Swierenga, Sarah J.**; Salmon, Charles T. 1/1/05–12/31/07, \$5,000,000.
- Ohio Board of Regents, Research Challenge Grant. Principal Investigators: **Swierenga, S. J.**, & Militello, L. *Unpacking Mental Models of Website Navigation: Implications for Accessibility*. May 2003, \$30,000.

Provisional Patent

Walker, J. L., **Swierenga, S. J.**, Militello, L. G., & Gorman, M. E. U.S. Provisional Application Serial No. 60/615495 filed October 1, 2004 entitled, *Task-Based User Interface Filter Method and Apparatus*. Attorney Docket Number: UVD 0330 MA/40815.437.

Book

Thatcher, J., Bohman, P., Burks, M., Henry, S. L., Regan, B., **Swierenga, S.**, Urban, M. D., & Waddell, C. D. (2002). *Constructing accessible web sites*. Birmingham, England: glasshaus. Reprint edition, APress, July 14, 2003.

Book Chapters

Coursaris, C. K., **Swierenga, S. J.**, & Whitten, P. (2014). Usability and Accessibility of E-Health Websites: Enabling Nutrition and Physical Activity Education for Blind and Low Vision Internet Users. In D. Yannacopoulos, P. Manolitzas, N. Matsatsinis, & E. Grigoroudi (eds.), *Evaluating Web Sites and Web Services: Interdisciplinary Perspectives in User Satisfaction*. (pp. 204-223). IGI Global. doi:10.4018/978-1-4666-5129-6
<http://www.igi-global.com/gateway/book/90538>

Post, L. A., Salmon, C. T., Prokhorov, A., Oehmke, J. F., & **Swierenga, S.** (2008). Chapter 6 - Aging and Elder Abuse: Projections for Michigan. In Murdock, S.H., & Swanson, D. A. (Eds.), *Applied Demography in the 21st Century*, 103-112. Springer Science and Business Media B. V. (ISBN: 1402083289)

Swierenga, S. J. (2007). Incorporating Web accessibility into the design process. In C. Righi and J. James (Eds.), *The User-Centered Design Casebook*. Morgan Kaufmann.

Swierenga, S. J. (2002). Separating content from presentation. In J. Thatcher, P. Bohman, M. Burks, S. L. Henry, B. Regan, S. Swierenga, M. D. Urban, and C. D. Waddell, *Constructing Accessible Web Sites*. Birmingham, England: glasshaus. Reprint edition, APress, July 14, 2003.

Journal Articles and Peer-Reviewed Conference Proceedings

Abujarad, F., O'Bara, I., & **Swierenga, S. J.** (2017, July). The role of UX in government system expansion. *Lecture Notes in Computer Science*. Switzerland: Springer International.

Ismirle, J., Klautke, H., **Swierenga, S. J.**, & O'Connell, L. (in press). Teleconsultation Process for Physicians working with ASD Patients: Insights from a Usability Evaluation. *Lecture Notes in Computer Science*. Switzerland: Springer International.

Ismirle, J., O'Bara, I., **Swierenga, S. J.**, & Jackson, J. (2016). Touchscreen voting interface design for persons with disabilities: Insights from usability evaluation of mobile voting prototype. In *Proceedings of the Human Factors and Ergonomics Society 2016 Annual Meeting*, 60(1), 780-784. doi: 10.1177/1541931213601179

- Ismirle, J., O'Bara, I., Jackson, J. E., & **Swierenga, S. J.** (2016). Touchscreen user interface design for persons with dexterity impairments: Insights from usability evaluation of mobile voting prototype. In Nah, F.F.-H. & Tan, C.-H. (Eds.), *HCI in Business, HCIB 2016*, Part II, LNCS 9752, pp. 159-170. Springer International Publishing Switzerland 2016.
- Post, L. A., Conner, T. L., Oehmke, J. F. Abujarad, F., Cooney, L. M., Brandt, C., Page, C., **Swierenga, S. J.**, Biroscak, B. J., Esposito, C., & Dziura, J. (2016). Development and validation of the Emergency Department Geriatric Readmission Assessment at Yale (ED GRAY): Part 1, fundamental measurement. *British Journal of Medicine and Medical Research*, 14(1), 1-14.
- Post, L. A., Conner, T. L., Oehmke, J. F. Abujarad, F., Cooney, L. M., Brandt, C., Page, C., **Swierenga, S. J.**, Biroscak, B. J., Esposito, C., & Dziura, J. (2016). Development and validation of the Emergency Department Geriatric Readmission Assessment at Yale (ED GRAY): Part 2, prognostic accuracy. *British Journal of Medicine and Medical Research*, 14(1), 1-8.
- Swierenga, S. J.**, Zantjer, R. S., Jackson, J. E., Ismirle, J., Blosser, S. R., & Pierce, G. L. (2015). Security implications for personal assistive technology in voting. In Tryfonas, T. & Askoxylakis, I. (Eds.), *Human Aspects of Information Security, Privacy, and Trust, HAS 2015*, LNCS 9190, pp. 582-591. Springer International Publishing Switzerland 2015.
- Abujarad, F., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2015). The impact of usability on patient safety in long-term care. In Nah, F.F.-H. & Tan, C.-H. (Eds.), *HCI in Business, HCIB 2015*, LNCS 9191, pp. 221-231. Springer International Publishing Switzerland 2015.
- Jackson, J. E., Ismirle, J., **Swierenga, S. J.**, Blosser, S. R., & Pierce, G. L. (2015). Joystick interaction strategies of individuals with dexterity impairments: Observations from the Smart Voting Joystick usability evaluation. In Antona, M. & Stephanidis, C. (Eds.), *Universal Access in Human-Computer Interaction, UAHCI 2015*, Part IV, LNCS 9178, pp. 192-203. Springer International Publishing Switzerland 2015.
- Swierenga, S. J.**, Pierce, G. L., Blosser, S. R., Mathew, A., & Jackson, J. (2014). Smart Voting Joystick for accessible voting systems. *Journal on Technology and Persons with Disabilities*, 2, 144-154.
- Swierenga, S. J.**, Propst, D. B., Ismirle, J., Figlan, C., & Coursaris, C. K. (2014). Mobile design guidelines for outdoor recreation and tourism. In Nah, F.F.-H. (Ed.), *Human-Computer Interaction in Business, HCII 2014*, LNCS 8527, pp. 371-378. Springer International Publishing Switzerland 2014.
- Abujarad, F., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2014). Management of on-line registries information for patient safety in long-term care. In Yamamoto, S. (Ed.), *Human Interface and the Management of Information*, Part II, HCII 2014, LNCS 8522, pp. 307-316. Springer International Publishing Switzerland 2014.
- Jackson, J., **Swierenga, S. J.**, & Hart-Davidson, W. (2014). Assistive technology support for complex reading. *Journal on Technology and Persons with Disabilities*, 1, 212-219.

Swierenga, S. J., & Pierce, G. L. (2013). Accessible voting system usability measures. *Journal on Technology and Persons with Disabilities, 1*, 146-154.

Abujarad, F., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2013). Rap backs: Continuous workforce monitoring to improve patient safety in long-term care. In Marcus, A. (Ed.), *Design, User Experience and Usability, HCII 2013, Part III, LNCS 8014*, pp. 3-9. Springer-Verlag Berlin Heidelberg 2013.

Propst, D. B., **Swierenga, S. J.**, Pierce, G. L., Jeong, E., & Coursaris, C. K. (2013). From the ground-up: Role of usability and aesthetics evaluation in creating a knowledge-based website for the U.S. Army Corps of Engineers. In Marcus, A. (Ed.), *Design, User Experience and Usability, HCII 2013, Part IV, LNCS 8015*, pp. 274-283. Springer-Verlag Berlin Heidelberg 2013.

Swierenga, S. J., Abujarad, F., Dennis, T. A., & Post, L. A. (2013). Improving patient safety through user-centered healthcare background check system design. In *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2(1)*, 21-28. Human Factors and Ergonomics Society. DOI: 10.1177/237857913021005. Available online at: <http://hcs.sagepub.com/content/2/1/21>

Coursaris, C. K., Sung, J., & **Swierenga, S. J.** (2012). Exploring antecedents of SMS-based mobile advertising perceptions. *International Journal of Electronic Finance, 6(2)*, 143-156.

Swierenga, S. J., & Pierce, G. L. (2012). Should we agree to conduct this usability study? Ethics considerations in user experience evaluations. *User Experience, 11(4)*, 24-25.

Swierenga, S. J., Sung, J. E., Pierce, G. L., & Propst, D. B. (2011). Website design and usability assessment implications from a usability study with visually impaired and sighted users. In Stephanidis, C. (Ed.), *Universal Access in HCI, Part II, HCII 2011, LNCS 6766*, pp. 382-389. Springer-Verlag Berlin Heidelberg 2011.

Swierenga, S. J., Abujarad, F., Dennis, T. A., & Post, L. A. (2011). Real-world user-centered design: The Michigan Workforce Background Check system. In Salvendy, G., & Smith, M. J. (Eds.): *Human Interface, Part II, HCII 2011, LNCS 6772*, pp. 325-334. Springer-Verlag Berlin Heidelberg 2011.

Swierenga, S. J., Sung, J. E., & Propst, D. B. (2011). Outdoor recreation information website usability study with visually impaired and sighted users. In *International Technology and Persons with Disabilities Conference Proceedings*. Los Angeles, CA: CSU Northridge.

Coursaris, C., Sung, J., & **Swierenga, S. J.** (2010). Antecedents of mobile advertising perceptions: A two-country study. *The Ninth Annual pre-ICIS Workshop on HCI Research in MIS*, St. Louis, U.S.A., December 12-15, 2010. (Proceedings available at <http://aisel.aisnet.org/sighci2010/>)

- McCarthy, J. E., & **Swierenga, S. J.** (2010). What we know about dyslexia and accessibility: A research review. *Universal Access in the Information Society Journal*, 9(2), 147-152. Available online at: <http://www.springerlink.com/content/gp12855m50325086/>
- Coursaris, C. K., **Swierenga, S. J.**, & Pierce, G. L. (2010). Effects of Aesthetics and Playfulness on Web Usability – An empirical investigation. In *America Conference on Information Systems (AMCIS) 2010 Proceedings*. Paper 549. Available online at: <http://aisel.aisnet.org/amcis2010/549>
- Coursaris, C. K., Sung, J., & **Swierenga, S. J.** (2010). Effects of message characteristics, age, and gender on perceptions of mobile advertising – An empirical investigation among college students. In the *2010 Ninth International Conference on Mobile Business / 2010 Ninth Global Mobility Roundtable Conference Proceedings*, Athens, Greece, 198-205. Los Alamitos, CA: IEEE Computer Society. Available online at: http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5494800
- Swierenga, S. J.**, Elledge, M. S., Roberts, H. E., & Sung, J. E. (2009). Before and after: Two-tiered usability testing on a public transportation website. In *Usability Professionals Association 2009 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Coursaris, C., **Swierenga, S. J.**, & Watrall, E. (2008). An empirical investigation of color temperature and gender effects on Web aesthetics. *Journal of Usability Studies*, 3(3), 103-117.
- Swierenga, S. J.** (2008). Mexican Government Signs Manifesto on Usability and Accessibility for Government Websites. *User Experience*, 7(1).
- Swierenga, S.**, Quesenbery, W., Walser, K., & Paciello, M. (2008). Usability in Civic Life Event: New recommendations for Section 508. In *Usability Professionals Association 2008 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Chisnell, D., Scott, J., **Swierenga, S.**, & Quesenbery, W. (2008). Usability in Civic Life Event: The Local Election Officials Usability Testing Kit. In *Usability Professionals Association 2008 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Walser, K., Quesenbery, W., & **Swierenga, S.** (2008). Designing for cognitive disabilities. In *Usability Professionals Association 2008 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Swierenga, S. J.**, Porter, J., E., Ghosh, S., & McCarthy, J. E. (2008). Usable websites for dyslexic users: A voting website user study. In *Usability Professionals Association 2008 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.

- Post, L. A., Prokhorov, A., Salmon, C. T. Oehmke, J., & **Swierenga, S. J.** (2007). Aging and Elder Abuse: Projections for Michigan, *Population Research and Policy Review*. <http://www.springer.com/west/home/geography/demography?SGWID=4-40775-70-35679167-0>
- Swierenga, S. J.**, & Diehl, A. (2007). Usability evaluation of a transportation website with multiple user groups. In *Society for Technical Communication 54th Annual Conference Proceedings*. Technical Communication Summit conference.
- Swierenga, S. J.**, Choi, J. H., Post, L. A., & Coursaris, C. (2007). Public health communication technology: A case study in Michigan long-term care settings. *International Journal of Interdisciplinary Social Sciences*, 1(5), 115-124.
- Kiernan, T., & **Swierenga, S. J.** (2007). Podcasting about usability: Tips for practitioners. In *Usability Professionals Association 2007 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Coursaris, C., **Swierenga, S. J.**, & Watrall, E. (2007). Effects of color temperature and gender on the website aesthetics. In *13th Americas Conference on Information Systems Proceedings*. Association for Information Systems.
- Coursaris, C., **Swierenga, S. J.**, & Watrall, E. (2007). Effects of color and gender on the perceived attractiveness of websites. In *Managing Worldwide Operations and Communications with Information Technology 2007 Conference Proceedings*. Information Resources Management Association (IRMA), USA.
- Swierenga, S. J.**, & Chisnell, D. E. (2007). The 2006 mid-term elections: Usability and accessibility voting forum. In *Technology and Persons with Disabilities Conference Proceedings*. Los Angeles, CA: CSU Northridge.
- Post, L. A., **Swierenga, S. J.**, Oehmke, J., Salmon, C., Prokhorov, A., Meyer, E., & Joshi, V. (2006) The implications of an aging population structure. *International Journal of Interdisciplinary Social Sciences*, 1(2), 47-58.
- Swierenga, S. J.**, Diehl, A., Georgis, G., & Gilbert, P. (2006). Blind and sighted user experiences with a transportation authority website. In *Technology and Persons with Disabilities Conference Proceedings*. Los Angeles, CA: CSU Northridge.
- Oehmke, J., Post, L. Almerigi, J., & **Swierenga, S. J.** (2005). Rural economic sustainability and background checks on workers in rural health care settings: Evidence from the Michigan pilot background check program. In *Selected papers from the American Agricultural Economics Association Annual Meeting*. Milwaukee, WI: Agricultural & Applied Economics Association.

- Walker, J. L., **Swierenga, S. J.**, Militello, L. G., & Gorman, M. G. (2005). *The task-based user interface filter accessibility tool for website navigation*. In *Technology and Persons with Disabilities Conference Proceedings*. Los Angeles, CA: CSU Northridge.
- Langhorne, A., & **Swierenga, S. J.** (2004). User expectations and perceptions of e-learning courses: Which course components facilitate e-learning satisfaction? In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1069-1073.
- Gorman, M., Militello, L. G., **Swierenga, S. J.**, & Walker, J. L. (2004). Internet searching by ear: Decision flow diagrams for sightless internet users. In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 243-247.
- Walker, J. L., Anders, S. H., & **Swierenga, S. J.** (2004). Developing an effective Section 508 web accessibility compliance program. In *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 1548-1551.
- Swierenga, S. J.**, Militello, L. G., Gorman, M., & Walker, J. L. (2004). "Going in blind doesn't help": Cues for navigation. In *Usability Professionals Association 2004 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Swierenga, S. J.**, & Guy, T. (2003). Session logistics for usability testing of users with disabilities. In *Usability Professionals Association 2003 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Swierenga, S. J.** (2002). Web site design for the disabled: Issues for human factors practitioners. In *Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society, 209-213.
- Swierenga, S. J.** (2002). Accessible web site design and usability testing. In *Usability Professionals Association 2002 Conference Proceedings*. Bloomington, IL: Usability Professionals Association.
- Swierenga, S. J.**, Monk, D. L., & Brown, C. E. (1992). Human performance data visualization for system design teams. In *Proceedings of the IEEE National Aerospace and Electronics Conference (NAECON '92)*. New York, NY: IEEE Publishing Services, 675-680.
- Monk, D. L., **Swierenga, S. J.**, & Lincoln, J. E. (1992). Developing behavioral phenomena test benches. In *Proceedings of the Human Factors Society 36th Annual Meeting*. Santa Monica, CA: Human Factors Society, 1106-1109.
- Vargo, C. G., Brown, C. E., & **Swierenga, S. J.** (1992). An evaluation of computer-supported backtracking in a hierarchical database. In *Proceedings of the Human Factors Society 36th Annual Meeting*. Santa Monica, CA: Human Factors Society, 356-360.

- Swierenga, S. J.**, Boff, K. R., & Donovan, R. S. (1991). Effectiveness of coding schemes in Rapid Communication displays. In *Proceedings of the Human Factors Society 35th Annual Meeting*. Santa Monica, CA: Human Factors Society, 1522-1526.
- Boff, K. R., Monk, D. L., **Swierenga, S. J.**, Brown, C. E., & Cody, W. J. (1991). Computer-aided human factors for system designers. In *Proceedings of the Human Factors Society 35th Annual Meeting*. Santa Monica, CA: Human Factors Society, 322-336.
- Swierenga, S. J.**, Boff, K. R., & Donovan, R. S. (1991). Coding techniques for Rapid Communication displays. In *Proceedings of the Sixth International Symposium on Aviation Psychology*. Columbus, OH: The Ohio State University, Aviation Psychology Laboratory, 204-209.
- Brown, C. E., Boff, K. R., & **Swierenga, S. J.** (1991). Cockpit resource management: A social psychological perspective. In *Proceedings of the Sixth International Symposium on Aviation Psychology*. Columbus, OH: The Ohio State University, Aviation Psychology Laboratory, 398-403.
- Brown, C. E., **Swierenga, S. J.**, & Wellens, A. R. (1991). Social psychological metaphors for human-computer system design. In *Proceedings of the IEEE National Aerospace and Electronics Conference (NAECON '91)*. New York, NY: IEEE Publishing Services, 793-799.
- Swierenga, S. J.**, & Donovan, R. S. (1990). The effect of Rapid Communication display technology on task performance. In *Proceedings of the 5th Mid-Central Ergonomics/Human Factors Conference*. Dayton, OH: University of Dayton Research Institute.
- Swierenga, S. J.** (1990). A comparison of mouse, trackball, and joystick performance using text-editing and tracking tasks. In *Proceedings of the 5th Mid-Central Ergonomics/Human Factors Conference*. Dayton, OH: University of Dayton Research Institute.
- Swierenga, S. J.**, Morton, K., & Boff, K. R. (1990). Issues concerning the use of human engineering information: The system designer's perspective. In *Proceedings of the National Aerospace and Electronics Conference (NAECON '90)*. New York, NY: IEEE Publishing Services, 881-885.
- Morton, K., & **Swierenga, S. J.** (1990). Developing effective coding schemes for an advanced display technology. In *Proceedings of the 12th Symposium on Psychology in the Department of Defense*. Colorado Springs, CO: US Air Force Academy, 328-332.
- Swierenga, S. J.** (1990). Menuing and scrolling as alternative information access techniques. In *Proceedings of the Human Factors Society 34th Annual Meeting*. Santa Monica, CA: Human Factors Society, 356-359.
- Swierenga-Osgood, S.**, Boff, K. R., & Donovan, R. S. (1988). Rapid Communication Display Technology in a multi-task environment. In *Proceedings of the Human Factors Society 32th Annual Meeting*. Santa Monica, CA: Human Factors Society, 1395-1399.

Workshops, Presentations, and Colloquia

*Identifying information redacted in compliance with non-disclosure agreements.

Ismirle, J., Klautke, H., **Swierenga, S. J.**, & O'Connell, L. (2017, July). *Usability evaluation of teleconsultation process for physicians working with ASD patients*. Paper and presentation at Human-Computer Interaction International, July 9-14, Vancouver.

Abujarad, F., O'Bara, I., & **Swierenga, S. J.** (2017, July). *The role of UX in government system expansion*. Paper and presentation at Human-Computer Interaction International, July 9-14, Vancouver.

Swierenga, S. J., & Pierce, G. L. (2017, March). *Designing for Everyone: Accessible Web Design*. Presented to [Financial institution*], MI.

Ismirle, J., Klautke, H., O'Bara, I., George, M., & **Swierenga, S. J.** (2017, January 27). *CATA Website Usability Evaluation Results*. Presented to CATA and Gravity Works, East Lansing, MI.

Ismirle, J., O'Bara, I., **Swierenga, S. J.**, Jackson, J. (2016). *Touchscreen voting interface design for persons with disabilities: Insights from usability evaluation of mobile voting prototype*. Paper presentation at the Human Factors and Ergonomics Society 60th International Annual Meeting, September 19-23, 2016, Washington, DC.

Ismirle, J., O'Bara, I., Jackson, J. E., & **Swierenga, S. J.** (2016). *Touchscreen user interface design for persons with dexterity impairments: Insights from usability evaluation of mobile voting prototype*. Presented at the Human-Computer Interaction International Conference, July 20-22, 2016, Toronto.

Swierenga, S. J., Riebschleger, J., Ismirle, J., & Klautke, H. (2016, May 3). *Mental Health for Youth Education website IA design*. Focus group with youth advisors, East Lansing, MI.

Swierenga, S. J., & George, M. (2016, April 27). *Accessible web design: WCAG 2.0 workshop*. Presentation for [Cloud information security company*] web developers and managers, Ann Arbor, MI.

Swierenga, S. J., Riebschleger, J., Ismirle, J., & Klautke, H. (2016, April 26). *Mental Health for Youth Education website IA design*. Focus group with youth advisors, Saginaw, MI.

Swierenga, S. J., & George, M. (2016, April 13). *Accessible web design: WCAG 2.0 workshop*. Workshop for [Electronic publishing and document retrieval company*] web developers and managers, East Lansing, MI.

Swierenga, S. J., & George, M. (2016, March 30). *WCAG 2.0 overview*. Presentation for [Cloud information security company*] web developers and managers, East Lansing, MI.

Jackson, J. E., Ismirle, J., O'Bara, I., & **Swierenga, S. J.** (2016, March 25). *Touchscreen user interface design for persons with dexterity impairments*. Presented at the 31st Annual CSUN International Technology & Persons with Disabilities Conference, San Diego, CA.

Sarah J. Swierenga, Ph.D., C.P.E.

- Swierenga, S. J., & George, M.** (2016, March 8). *WCAG 2.0 overview*. Presentation for Charles Hudson Technology Solutions, East Lansing, MI.
- Swierenga, S. J., & George, M.** (2016, March 1). *WCAG 2.0 overview*. Presentation for [Internet ordering system for restaurants*] web developers and managers, East Lansing, MI.
- Swierenga, S. J., & George, M.** (2016, February 17). *WCAG 2.0 overview*. Presentation for [Electronic publishing and document retrieval company*] web developers and managers, East Lansing, MI.
- Swierenga, S. J.** (2015, November 19). *Accessible Web Design Overview*. Webinar presented to the User Experience class, University of Monterrey, Monterrey, Mexico.
- Swierenga, S. J.** (2015, September 17). *Focus groups: Techniques and best practices*. Presentation for MSU Food Sciences 410: Sensory Evaluation and Consumer Research, Michigan State University, East Lansing, MI.
- Swierenga, S. J., Zantjer, R. S., Jackson, J. E., Ismirle, J., Blosser, S. R., & Pierce, G. L.** (2015, August 5). *Security implications for personal assistive technology in voting*. Presented at the Human-Computer Interaction International Conference, Los Angeles, CA, August 5-7.
- Abujarad, F., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2015, August 5). *The impact of usability on patient safety in long-term care*. Presented at the Human-Computer Interaction International Conference, Los Angeles, CA, August 5-7.
- Jackson, J. E., Ismirle, J., **Swierenga, S. J.**, Blosser, S. R., & Pierce, G. L. (2015, August 6). *Joystick interaction strategies of individuals with dexterity impairments: Observations from the Smart Voting Joystick usability evaluation* Presented at the Human-Computer Interaction International Conference, Los Angeles, CA, August 5-7.
- Pierce, G. L., Jackson, J. E., & **Swierenga, S. J.** (2015, March 5). *Accessible Mobile Interaction Design for Voting Systems*. Presented at the 30th Annual CSUN International Technology & Persons with Disabilities Conference, San Diego, CA.
- Jackson, J. E., George, M., & **Swierenga, S. J.** (2015, January 27). *WCAG 2.0 workshop*. Presentation for [Fortune 500 Multinational Automotive Manufacturer*] web developers and managers, East Lansing, MI.
- Swierenga, S. J., & Pierce, G. L.** (2015, January 26). *MSU web accessibility policy: Overview and implications*. Presentation at the Michigan State University President's Advisory Committee on Disability Issues, East Lansing, MI.
- Jackson, J. E., George, M., & **Swierenga, S. J.** (2014, November 6). *WCAG 2.0 overview*. Presentation for [Fortune 500 multinational automotive manufacturer*] web developers and managers, Detroit, MI.

- Swierenga, S. J.** (2014, September 16). *Focus groups: Techniques and best practices*. Presentation for MSU Food Sciences 410: Sensory Evaluation and Consumer Research, Michigan State University, East Lansing, MI.
- Swierenga, S. J.**, Deaton, P., Jackson, J., & Pierce, G. L. (2014, August 15). *Creating accessible documents*. Presentation at the 2014 Michigan State University Outreach and Engagement Annual Strategic Review, East Lansing, MI.
- Swierenga, S. J.**, Propst, D. B., Ismirle, J., Figlan, C., and Coursaris, C. K. (2014, June 25). *Mobile design guidelines for outdoor recreation and tourism*. Presentation at HCI International, Crete, Greece, June 22-27.
- Abujarad, F. A., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2014, June 25). *Management of on-line registries information for patient safety in long-term care*. Presentation at HCI International, Crete, Greece, June 22-27.
- Swierenga, S. J.**, Pierce, G. L., Blosser, S. R., Mathew, A., Decloniemaclennan, R., & Jackson, J. E. (2014, March 21). *Smart Voting Joystick for accessible voting machines*. Presentation at the International Technology & Persons with Disabilities Conference. San Diego, CA.
- Decloniemaclennan, R., Nemchik, J., Ismirle, J., Jackson, J., Pierce, G. L., & **Swierenga, S. J.** (2014, March 19). *Research-based mobile usability and accessibility guidelines*. Presentation at the International Technology & Persons with Disabilities Conference. San Diego, CA.
- Abujarad, F. A., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2014, March 17). *Real-Time Screening to Improve Patient Safety in Long-term Care*. Poster presentation at the Human Factors and Ergonomics Society 2014 International Symposium on Human Factors and Ergonomics in Health Care: Leading the Way. Chicago, IL.
- Swierenga, S. J.** (2014, January 13). *User Experience Counts! Designing Usable and Accessible Software, Websites, and Mobile Apps*. Computer Science Seminar at Calvin College. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Ismirle, J., Jackson, J. E., Pierce, G. L., Decloniemaclennan, R., Mathew, A., & Blosser, S. (2014, January 10). *Smart Voting Joystick*. Presentation in the EAC/NIST Accessible Voting Technology Research Webinar. Gaithersburg, MD: Department of Commerce, National Institute of Standards and Technology.
- Jackson, J., Decloniemaclennan, R., Nemchik, J., & **Swierenga, S. J.** (2013, October 22). *WCAG 2.0 Overview*. Presentation to the [Multinational clothing retailer*] development team. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.** (2013, September 12). *Focus Groups: Techniques and Best Practices*. Presentation for MSU Food Science Concentration, Special Problems in Food Science 490. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Jackson, J., Declonimaclennan, R., Nemchik, J., & **Swierenga, S. J.** (2013, July 9). *WCAG 2.0 Overview*. Presentation to the [Multinational clothing retailer*] development team. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Propst, D. B., **Swierenga, S. J.**, Pierce, G. L., Jeong, E., & Coursaris, C. K. (2013, July 24). From the ground-up: Role of usability and aesthetics evaluation in creating a knowledge-based website for the U.S. Army Corps of Engineers. Presentation at the Human-Computer Interaction International Conference. Las Vegas, NV.
- Abujarad, F., **Swierenga, S. J.**, Dennis, T. A., & Post, L. A. (2013, July 24). Rap backs: Continuous workforce monitoring to improve patient safety in long-term care. Presentation at the Human-Computer Interaction International Conference. Las Vegas, NV.
- Jackson, J., Declonimaclennan, R., Nemchik, J., & **Swierenga, S. J.** (2013, May 23). *WCAG 2.0 Workshop*. Workshop presented to the Michigan Public Health Institute development team. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Pierce, G. L., Jackson, J., & Declonimaclennan, R. (2013, April 2). *Accessible Mobile Voting Systems*. Presentation at the EAC/NIST Accessible Voting Technology Research Workshop. Gaithersburg, MD: Department of Commerce, National Institute of Standards and Technology.
- Swierenga, S. J.**, Pierce, G. L., & Blosser, S. (2013, April 2). *Smart Voting Joystick*. Presentation at the EAC/NIST Accessible Voting Technology Research Workshop. Gaithersburg, MD: Department of Commerce, National Institute of Standards and Technology.
- Swierenga, S. J.**, & Pierce, G. L. (2013, April 1). *Testing Usability Performance of Accessible Voting Systems*. Poster presentation at the EAC/NIST Accessible Voting Technology Research Workshop. Gaithersburg, MD: Department of Commerce, National Institute of Standards and Technology.
- Swierenga, S. J.**, Blosser, S., Pierce, G. L., Chen, Y, Dennis, T., Pence, T., Rashidian, B., & Yang, J. (2013, April 1). *Voting with Joy: Student Project to Create a Smart Voting Joystick for Accessible Voting*. Poster presentation at the EAC/NIST Accessible Voting Technology Research Workshop. Gaithersburg, MD: Department of Commerce, National Institute of Standards and Technology.
- Swierenga, S. J.**, Abujarad, F., Dennis, T. A., & Post, L. A. (2013, March 11). *Improving Patient Safety through User-Centered Healthcare Background Check System Design*. Poster presentation at the Human Factors and Ergonomic Society Healthcare IT Symposium. Baltimore, MD.
- Swierenga, S. J.**, & Pierce, G. L. (2013, February 28). *Accessible Voting Systems Usability Measures*. Presentation at the International Technology and Persons with Disabilities Conference. Los Angeles, CA: CSU Northridge.

- Swierenga, S. J., & Jackson, J.** (2013, February 28). *Assistive Technology Support for Complex Reading*. Presentation at the International Technology and Persons with Disabilities Conference. Los Angeles, CA: CSU Northridge.
- Swierenga, S. J., & Propst, D. B.** (2012, February 8). *User Experience Evaluation Techniques for Designing Usable and Accessible Websites*. Workshop presented at the Michigan Recreation and Parks Association (MRPA) conference, Dearborn, MI.
- Coursaris, C. K., Sung, J., & **Swierenga, S. J.** (2011). *Effects of SMS Message Length, Age, and Gender on Perceptions of Mobile Advertising: A Three-Country Study (U.S., Japan and France)*. Poster presentation at the Tenth Pre-ICIS SIG-HCI Workshop 2011, December 4-7, 2011, Shanghai, China.
- Propst, D. B., **Swierenga, S. J.**, Pierce, G. L., Jeong, E., & Perales, K. (2011, November 3). *Usability and Aesthetics of an Outdoor Recreation Knowledge Management Website*. Paper presented at the National Parks and Recreation Association Conference – Leisure Travel Symposium, November 1-4, 2011, Atlanta, GA.
- Swierenga, S. J.**, Coursaris, C. K., Georgis, G., & Elledge, M. E. (2011, October). *The role of digital communication in advancing engagement*. Presented at the 12th Annual National Outreach Scholarship Conference, East Lansing, MI.
- Swierenga, S. J.**, Sung, J. E., Pierce, G. L., & Propst, D. B. (2011, July 13). *Website design and usability assessment implications from a usability study with visually impaired and sighted users*. Paper presented at the 14th International Conference on Human-Computer Interaction, Orlando, FL.
- Swierenga, S. J.**, Propst, D. B., Pierce, G. L., & Sung, J. E. (2011, June 22). *Impact of visual impairments on the duration of usability tests*. Poster presented at the Usability Professionals Association International Conference 2011, Atlanta, GA.
- Swierenga, S. J.**, Sung, J. E., & Propst, D. B. (2011, March). *Outdoor recreation information website usability study with visually impaired and sighted users*. Paper presented at the International Technology and Persons with Disabilities Conference, San Diego, CA.
- Swierenga, S. J.** (2009, November 20). *Universal design: Making teaching, technology, and physical spaces accessible to and by everyone*. Panel presentation at the MSU Accessibility Learning Institute with Ayala, E. (moderator), Guenther, B., Kaplan, J., & Parrish, J.
- Coursaris, C., Sung, J., & **Swierenga, S. J.** (2010, December 12-15). *Antecedents of mobile advertising perceptions: A two-country study*. Paper presented at The Ninth Annual pre-ICIS Workshop on HCI Research in MIS, St. Louis, MO.
- Coursaris, C. K., **Swierenga, S. J.**, & Pierce, G. L. (2010). *Effects of Aesthetics and Playfulness on Web Usability – An empirical investigation*. Paper presented at the America Conference on Information Systems (AMCIS) 2010, Lima, Peru.

- Swierenga, S. J.** (2010, May 26). *Panel Discussion: High Usability and Quality User Experience as a Strategic Goal*. Talk presented at the State of Michigan User Experience Awareness Day, Lansing, MI.
- Swierenga, S. J., & Scott, J.** (2010, May 26). *Writing for the Web*. Talk presented at the State of Michigan User Experience Awareness Day, Lansing, MI.
- Elledge, M. S., **Swierenga, S. J.**, Hernandez, B, & Scott, J. (2010, May 26). *User Centered Design (UCD): Usability Research*. Talk presented at the State of Michigan User Experience Awareness Day, Lansing, MI.
- Swierenga, S. J.** (2010, May 10-12). *AccessU Usability Track: Accessibility Inspections*. Workshop presented at AccessU, Austin, TX.
- Swierenga, S. J.** (2010, May 10-12). *AccessU Usability Track: Integrating Accessibility into Usability Practice*. Workshop presented at AccessU, Austin, TX.
- Coursaris, C. K., Sung, J., & **Swierenga, S. J.** (2010). *Effects of message characteristics, age, and gender on perceptions of mobile advertising – An empirical investigation among college students*. Paper presented at the 2010 Ninth International Conference on Mobile Business / 2010 Ninth Global Mobility Roundtable Conference, Athens, Greece.
- Ayala, E., Kaplan, J., Parrish, J., **Swierenga, S. J.**, & Guenther, B. (2009, November 20). *Universal design: Making teaching, technology, and physical spaces accessible to and by everyone*. Panel presentation at the Michigan State University Accessibility Learning Institute, East Lansing, MI.
- Paulo, S., Puzzoli, A., & **Swierenga, S. J.** (2009, November 12). *Assistive Technology Expo*. World Usability Day, Michigan State University.
- Becker, S. C., Quesenbery, W., Redish, J., Chisnell, D., Scott, J., & **Swierenga, S. J.** (2009). *Verification: Rewriting the voting experience on Election Day*. Paper and presentation at the Society for Technical Communication 2009 annual conference, Atlanta, GA.
- Swierenga, S. J.**, Elledge, M. S., Roberts, H. E., & Sung, J. E. (2009). *Before and after: Two-tiered usability testing on a public transportation website*. Paper presented at Usability Professionals Association Conference, Portland, OR.
- Swierenga, S. J.**, Elledge, M. S., Roberts, H. E., & Sung, J. E. (2009). *Pre/post user testing: Quantifying improvement and persistent issues in transportation website redesign*. Presentation at the Technology and Persons with Disabilities Conference. Los Angeles, CA: CSU Northridge.
- Swierenga, S. J.**, & Sung, J. E. (2008). *Outdoor recreation information website usability study with visually-impaired users*. Poster presentation at the World Usability Day / Sixth Annual Usability and Accessibility Conference. Michigan State University.

- Swierenga, S. J.**, Coursaris, C. K., Whitten, P., Pierce, G. L., & Roberts, H. E. (2008). *Usability and accessibility of nutrition information for blind and low vision Internet users*. Poster presentation at the World Usability Day / Sixth Annual Usability and Accessibility Conference. Michigan State University.
- Elledge, M. S., **Swierenga, S. J.**, Roberts, H. E., & Sung, J. E. (2008). *Two-tiered usability testing: The before and after benefits for a public transportation website*. Poster presentation at the World Usability Day / Sixth Annual Usability and Accessibility Conference. Michigan State University.
- Swierenga, S. J.** (2008). *User Experience Techniques Workshop*. Workshop for U.S. Army Corps of Engineers, Natural Resources Management Gateway project. USDA/CSREES, Grant # 2003-39478-14082. Michigan State University, Usability and Accessibility Center.
- Elledge, M. S., & **Swierenga, S. J.** (2008). *Website Accessibility Workshop*. Workshop for U.S. Army Corps of Engineers, Natural Resources Management Gateway project. USDA/CSREES, Grant # 2003-39478-14082. Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2008). *Accessible Web Design – Do’s and Don’ts*. Presentation at the U.S. Treasury IT Accessibility Conference. Washington, D.C.
- Quesenbery, W., Paciello, M., & **Swierenga, S. J.** (2008). *Usability in Civic Life: Standards for usability, accessibility and plain language*. Poster at the UPA Europe 2008 Conference. Turin, Italy.
- Swierenga, S.**, Quesenbery, W., Walser, K., & Paciello, M. (2008). *Usability in Civic Life Event: New recommendations for Section 508*. Poster presented at the Usability Professionals Association 2008 Conference, Baltimore, MD.
- Chisnell, D., Scott, J., **Swierenga, S.**, & Quesenbery, W. (2008). *Usability in Civic Life Event: The Local Election Officials Usability Testing Kit*. Poster presented at the Usability Professionals Association 2008 Conference, Baltimore, MD.
- Walser, K., Quesenbery, W., & **Swierenga, S.** (2008). *Designing for cognitive disabilities*. Paper presented at the Usability Professionals Association 2008 Conference, Baltimore, MD.
- Swierenga, S. J.**, Porter, J., E., Ghosh, S., & McCarthy, J. E. (2008). *Dyslexia and website design: The importance of user-based testing*. Presentation at the International Congress of Qualitative Inquiry (QI2008) Conference. Urbana-Champaign, IL: University of Illinois.
- Swierenga, S. J.** (2008). *Accessibility overview – Websites and course materials*. Presentation at the 2008 MSU Faculty Seminars in Instructional Technology. Michigan State University.
- Papas, L., Jobst, J., & **Swierenga, S. J.** (2008). *Assessing accessibility of Web sites for users with disabilities*. Mini-workshop accepted for presentation at the Society for Technical Communication (STC) 2008 conference.

- Swierenga, S. J., & Elledge, M. S.** (2008, January). *Making accessibility part of open source applications: Lessons learned from the Sakai, LON-CAP, and Fluid projects*. Presentation at the 2008 ATIA Leadership Forum on Accessibility. Orlando, FL.
- Elledge, M. S., & **Swierenga, S. J.** (2007). *Best practices in diversity: The UAC model*. Presentation at the 2007 MSU Best Practices Conference. Michigan State University.
- Quesenbery, W., & **Swierenga, S. J.** (2007). *Creating citizen-centered websites: Improving and testing the user experience*. Half-day workshop at the Citizen-Centered Government Web Sites: Usability, E-Democracy and Web. 2.0 Conference. Humphrey Institute, Minneapolis, MN.
- Swierenga, S. J.** (2007). *Corporate Web accessibility implementation strategies*. Usability and Accessibility for the Web International Seminar. University of Monterrey, Nuevo Leon, Mexico.
- Swierenga, S. J.** (2007). *Usability experts panel on information architecture, usability, and accessibility trends*. Panel presentation at the Usability and Accessibility for the Web International Seminar with Lou Rosenfeld, Javier Velasco, and Emilio Saldaña. University of Monterrey, Nuevo Leon, Mexico.
- Swierenga, S. J., & Diehl, A.** (2007). Usability evaluation of a transportation website with multiple user groups. Paper presented at the Society for Technical Communication 54th Annual Technical Communication Summit conference, Minneapolis, MN.
- Kiernan, T., & **Swierenga, S. J.** (2007). *Podcasting about usability: Tips for practitioners*. Paper presented at the Usability Professionals Association 2007 Conference, Austin, TX.
- Coursaris, C., **Swierenga, S. J., & Watrall, E.** (2007). *Effects of color temperature and gender on the website aesthetics*. Paper presented at the 13th Americas Conference on Information Systems, Keystone, CO.
- Coursaris, C., **Swierenga, S. J., & Watrall, E.** (2007). *Effects of color and gender on the perceived attractiveness of websites*. Paper presented at the Managing Worldwide Operations and Communications with Information Technology 2007 Conference, Vancouver, Canada.
- Swierenga, S. J., & Chisnell, D. E.** (2007). *The 2006 mid-term elections: Usability and accessibility voting forum*. Paper presented at the Technology and Persons with Disabilities Conference Proceedings, Los Angeles, CA.
- Post, L. A., Prokhorov, A., Oehmke, J., **Swierenga, S. J., & Hogberg, M.** (2006). *Aging and elder abuse: Projections for Michigan*. Paper presentation at the Applied Demography Conference, San Antonio, TX.

- Swierenga, S. J.**, Post, L. A., & Connor, T.L. (2006, November). *Abuse baseline survey of Michigan adults in long-term care: Results*. Poster presented at the IHCS Fall Poster Session on Medicaid Match Projects. Michigan State University.
- Swierenga, S. J.**, & Coursaris, C. (2006, November). *Abuse complaints handling process: Addendum study to vulnerable Medicaid populations: A public policy assessment of abuse reduction*. Poster presented at the IHCS Fall Poster Session on Medicaid Match Projects. Michigan State University.
- Swierenga, S. J.**, Choi, J. H., Post, L. A., & Coursaris, C. (2006). *Public health communication technology: A case study in Michigan long-term care settings*. Paper presentation at the International Conference on Interdisciplinary Social Sciences 2006 conference, Island of Rhodes, Greece.
- Post, L. A., **Swierenga, S. J.**, Oehmke, J., Salmon, C., Prokhorov, A., Meyer, E., & Joshi, V. (2006). *The implications of an aging population structure on abuse*. Paper presentation at the International Conference on Interdisciplinary Social Sciences 2006 conference, Island of Rhodes, Greece.
- Swierenga, S. J.**, Diehl, A., Georgis, G., & Gilbert, P. (2006). *Blind and sighted user experiences with a transportation authority website*. Paper presented at the Technology and Persons with Disabilities Conference Proceedings, Los Angeles, CA.
- Swierenga, S. J.**, Post, L. A., & Barbosa, G. (2005, November). *Abuse baseline survey of Michigan adults in long-term care*. Poster presented at the IHCS Fall Poster Session on Medicaid Match Projects. Michigan State University.
- Post, L. A., Oehmke, J., **Swierenga, S. J.**, Hogberg, M., Barboza, G., & Korzeniewski, S. (2005, November). *Public policy implications of an aging population for the prevention of abuse, neglect, and exploitation*. Poster presented at the IHCS Fall Poster Session on Medicaid Match Projects. Michigan State University.
- Oehmke, J., Post, L. Almerigi, J., & **Swierenga, S.** (2005). *Rural economic sustainability and background checks on workers in rural health care settings: Evidence from the Michigan pilot background check program*. Paper presentation at the American Agricultural Economics Association Annual Meeting, Providence, RI.
- Swierenga, S. J.**, & Walker, J. L. (2005). *Implementing a corporate web accessibility compliance program*. Half-day tutorial at the Usability Professionals Association conference. Montreal, Québec, Canada.
- Walker, J. L., **Swierenga, S. J.**, Militello, L. G., & Gorman, M. G. (2005). *The task-based user interface filter accessibility tool for website navigation*. Paper presented at CSUN's 20th Annual, International Conference, Los Angeles, CA.

- Swierenga, S. J.** (2005). *A user-centered design approach to the web development life cycle*, Talk presented to Michigan State University – Dean, Chairs, and Directors MULTI presentation, East Lansing, MI.
- Swierenga, S. J.** (2005). *User-centered design services for MSU web teams*, Talk presented to Michigan State University – Webmasters Group presentation, “East Lansing, MI,
- Swierenga, S. J.** (2002, 2004). *Implementing a corporate web accessibility compliance program*. Half-day tutorial presented at the Usability Professionals Association conference. Orlando, FL, and Minneapolis, MN.
- Swierenga, S. J., & Walker, J. L.** (2004). *Corporate web accessibility implementation strategies*. Tutorial at the Second Annual Usability and Accessibility Conference. East Lansing, MI: MSU Usability and Accessibility Center.
- Swierenga, S. J., & Walker, J. L.** (2001-2004). *Section 508 implementation guidelines for the Web*, http://www.xeroday.com/resources/Section508_Implementation.pdf.
- Langhorne, A., & **Swierenga, S. J.** (2004). *User expectations and perceptions of e-learning courses: Which course components facilitate e-learning satisfaction?* Paper presented the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA.
- Gorman, M., Militello, L. G., **Swierenga, S. J., & Walker, J. L.** (2004). *Internet searching by ear: Decision flow diagrams for sightless internet users*. Paper presented at the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA. Also presented as a poster session at the Michigan State University Fall Extension Conference, October 13, 2004.
- Swierenga, S. J., Militello, L. G., Gorman, M., & Walker, J. L.** (2004). *“Going in blind doesn’t help”: Cues for navigation*. Paper presented at the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA. Also presented as a poster session at the Michigan State University Fall Extension Conference, October 13, 2004.
- Walker, J. L., Anders, S. H., & **Swierenga, S. J.** (2004). *Developing an effective Section 508 web accessibility compliance program*. Paper presented at the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, LA. Also presented as a poster session at the Michigan State University Fall Extension Conference, October 13, 2004.
- Langhorne, A., & **Swierenga, S.** (May, 2004). *Student perceptions of peer-to-peer and instructor-student communication in an e-learning environment*. Paper presented at the International Communication Association conference, New Orleans.
- Swierenga, S. J., Militello, L. G. and Gorman, M. E.** (2004). *Unpacking mental models of website navigation: Implications for accessibility*. Ohio Board of Regents Report. Dayton, OH: University of Dayton Research Institute.

- Swierenga, S. J., & Guy, T. (2003).** *Session logistics for usability testing of users with disabilities.* Paper presented at the Usability Professionals Association 2003 Conference, Scottsdale, AZ.
- Swierenga, S. J. (2002).** *Web site design for the disabled: Issues for human factors practitioners.* Paper presented at the Human Factors and Ergonomics Society 46th Annual Meeting, Baltimore, MD.
- Swierenga, S. J. (2002).** *Accessible web site design and usability testing.* Paper presented at the Human Factors and Ergonomics Society 46th Annual Meeting, Baltimore, MD.
- Swierenga, S. J. (2002).** *Designing accessible web sites.* Presentation at the Human Factors and Ergonomics Society, Southern Ohio Chapter meeting.
- Swierenga, S. J. (2001).** *Section 508.* Panel presentation for the Dayton Electronic Commerce Forum.
- Swierenga, S. J., Monk, D. L., & Brown, C. E. (1992).** *Human performance data visualization for system design teams.* Paper presented at the IEEE National Aerospace and Electronics Conference NAECON '92), Dayton, OH.
- Monk, D. L., **Swierenga, S. J., & Lincoln, J. E. (1992).** *Developing behavioral phenomena test benches.* Paper presented at the Human Factors Society 36th Annual Meeting, Atlanta, GA.
- Vargo, C. G., Brown, C. E., & **Swierenga, S. J. (1992).** *An evaluation of computer-supported backtracking in a hierarchical database.* Paper presented at the Human Factors Society 36th Annual Meeting, Atlanta, GA.
- Swierenga, S. J., Boff, K. R., & Donovan, R. S. (1991).** *Effectiveness of coding schemes in Rapid Communication displays.* Paper presented at the Human Factors Society 35th Annual Meeting, San Francisco, CA.
- Boff, K. R., Monk, D. L., **Swierenga, S. J.,** Brown, C. E., & Cody, W. J. (1991). *Computer-aided human factors for system designers.* Paper presented at the Human Factors Society 35th Annual Meeting, San Francisco, CA.
- Boff, K. R., Monk, D. L., **Swierenga, S. J.,** Brown, C. E., & Cody, W. J. (1991). *Computer-aided systems engineering: A hypermedia tool.* Presentation and demonstration at the Human Factors Society 35th Annual Meeting, San Francisco, CA.
- Swierenga, S. J., Boff, K. R., & Donovan, R. S. (1991).** *Coding techniques for Rapid Communication displays.* Paper presented at the Sixth International Symposium on Aviation Psychology, Aviation Psychology Laboratory, The Ohio State University, Columbus, OH.
- Brown, C. E., Boff, K. R., & **Swierenga, S. J. (1991).** *Cockpit resource management: A social psychological perspective.* Paper presented at the Sixth International Symposium on Aviation Psychology, Aviation Psychology Laboratory, The Ohio State University, Columbus, OH.

- Brown, C. E., **Swierenga, S. J.**, & Wellens, A. R. (1991). *Social psychological metaphors for human-computer system design*. Paper presented at the IEEE National Aerospace and Electronics Conference (NAECON '91), Dayton, OH.
- Swierenga, S. J.**, Boff, K. R., & Morton, K. (1990). *An engineering perspective on the usefulness and usability of human engineering information in system design*. Poster presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.
- Brown, C. E., **Swierenga, S. J.**, & Wellens, A. R. (1990). *Human-computer "friendship:" A metaphor for intelligent system design*. Poster presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.
- Swierenga, S. J.**, & Donovan, R. S. (1990). *The effect of Rapid Communication display technology on task performance*. Paper presented at the 5th Mid-Central Ergonomics/Human Factors Conference, University of Dayton Research Institute, Dayton, OH.
- Swierenga, S. J.** (1990). *A comparison of mouse, trackball, and joystick performance using text-editing and tracking tasks*. Paper presented at the 5th Mid-Central Ergonomics/Human Factors Conference, University of Dayton Research Institute, Dayton, OH.
- Swierenga, S. J.**, Morton, K., & Boff, K. R. (1990). *Issues concerning the use of human engineering information: The system designer's perspective*. Paper presented at the National Aerospace and Electronics Conference (NAECON '90), Dayton, OH.
- Morton, K., & **Swierenga, S. J.** (1990). *Developing effective coding schemes for an advanced display technology*. Paper presented at the 12th Symposium on Psychology in the Department of Defense, US Air Force Academy, Colorado Springs, CO.
- Swierenga, S. J.** (1990). *Menuing and scrolling as alternative information access techniques*. Paper presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.
- Swierenga, S. J.**, Boff, K. R., & Morton, K. (1990). *An engineering perspective on the usefulness and usability of human engineering information in system design*. Poster presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.
- Brown, C. E., **Swierenga, S. J.**, & Wellens, A. R. (1990). *Human-computer "friendship:" A metaphor for intelligent system design*. Poster presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.
- Swierenga-Osgood, S.**, Boff, K. R., & Donovan, R. S. (1988). *Rapid Communication Display Technology in a multi-task environment*. Poster presented at the Human Factors Society 34th Annual Meeting, Orlando, FL.

Technical Reports (Research and Consulting)

*Identifying information redacted in compliance with non-disclosure agreements.

O'Bara, I., Klautke, H., George, M., Ismirle, J., & **Swierenga, S. J.** (2017, April 28). *CATA Trip Planner Prototype: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Shink, H., Klautke, H., O'Bara, I., & **Swierenga, S. J.** (2017, April 28). *User Feedback on CATA Trip Planner Prototype (Supplement to Heuristic Evaluation)*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., O'Bara, I., George, M., & **Swierenga, S. J.** (2017, January 13). *CATA Website Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., & **Swierenga, S. J.** (2016, September 2). *Michigan Workforce Background Check Analyst User Interface Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., O'Bara, I., George, M., & **Swierenga, S. J.** (2017, January 13). *CATA Website Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., O'Bara, I., & **Swierenga, S. J.** (2016, December 5). *Gerstacker/Mental Health Knowledge for Youth (MHKY): Information Architecture Findability Study Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., & **Swierenga, S. J.** (2016, September 2). *Michigan Workforce Background Check Analyst User Interface Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., Klautke, H., O'Bara, I., & **Swierenga, S. J.** (2016, August 12). *Usability Evaluation of Teleconsultation Process for Physicians working with ASD Patients Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., O'Bara, I., Klautke, H., & **Swierenga, S. J.** (2016, July 7). *Gerstacker/Mental Health Knowledge for Youth (MHKY) Focus Groups & Card Sorts: Interim Findings*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., O'Bara, I., & **Swierenga, S. J.** (2016, March 2). *[Insurance institution*] Website Concept Designs Review*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

Ismirle, J., O'Bara, I., & **Swierenga, S. J.** (2016, February 16). *University Outreach and Engagement Website Redesign: Information Architecture Findability Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Ismirle, J., O'Bara, I., & **Swierenga, S. J.** (2015, December 4). *Michigan Stroke Transitions Trial (MISTT) Website: Usability Evaluation Report*. Funded by PCORI, Grant #R-D2C-1310-07420. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Jackson, J. E., Pierce, G. L., Blosser, S. R., **Ismirle, J.**, & Swierenga, S. J. (2015, September 30). *Use of Personal Assistive Technologies in Voting: Final Report*. Deliverable for NIST, Award #60NANB14D265. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Propst, D. S., Sommer, A., Pierce, G. L., Jackson, J. E., & **Swierenga, S. J.** (2015, August 31). *USACE Compendium of Questions – Interim Report*. USDA/NIFA, Grant # 2014-39586-22374. East Lansing, MI: Michigan State University.
- Ismirle, J., Potts, L., Jackson, J. E., & **Swierenga, S. J.** (2015, July 23). *TechSmith: Camtasia Studio Usability Evaluation Final Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Zantjer, R., Sommer, A., Decloniemaclennan, T., Deaton, P., Jackson, J., & **Swierenga, S. J.** (2015, April 29). *SOM DEQ MiWaters Website Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Casey, C., Sommer, A., Decloniemaclennan, T., Jackson, J. E., & **Swierenga, S. J.** (2015, April 8). *Residential and Hospitality Services: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Faltin, L., Ismirle, J., Zantjer, R., & **Swierenga, S. J.** (2015, March 5). *State of Michigan Treasury: Validation Study Results and Refined Information Architecture Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Faltin, L., Ismirle, J., Zantjer, R., & **Swierenga, S. J.** (2015, March 5). *State of Michigan Treasury: Refined Information Architecture*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Faltin, L., Ismirle, J., Zantjer, R., Sawaya, S., & **Swierenga, S. J.** (2015, February 6). *State of Michigan Treasury: Card Sort Study and Candidate Information Architecture Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Faltin, L., Ismirle, J., Zantjer, R., Sawaya, S., & **Swierenga, S. J.** (2015, February 6). *State of Michigan Treasury: Candidate Information Architecture*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Potts, L., Jackson, J., Ismirle, J., Sawaya, S., & **Swierenga, S. J.** (2015, January 30). *TechSmith Corporation: Snagit 13 Usability Evaluation Final Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Ismirle, J., Sawaya, S., Zantjer, R., Byle, A., **Swierenga, S. J.**, & Righi, C. (2015, January 20). *State of Michigan Treasury: Business Taxpayers and Preparers Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Sawaya, S., Zantjer, R., Byle, A., **Swierenga, S. J.**, & Righi, C. (2015, January 20). *State of Michigan Treasury: Individual Taxpayers and Preparers Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., & **Swierenga, S. J.** (2015, January 14). *HealthPlus of Michigan Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Casey, C., & Sommer, A. (2015, January 12). *Michigan Background Check Provider User Interface (HTML5) Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Coursaris, C. K., Zantjer, R., & **Swierenga, S. J.** (2014, December 17). *Jackson National Life User Interface Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Coursaris, C. K., Zantjer, R., & **Swierenga, S. J.** (2014, November 18). *Urban Science [REDACTED*] Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L., Jackson, J. E., & **Swierenga, S. J.** (2014, September 30). *Enhanced User Interface and Interaction Design Standards for Accessible Mobile Voting Systems*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Sawaya, S., Byle, A., & **Swierenga, S. J.** (2014, September 10). *MSU Infrastructure Planning and Facilities: Campus Visitors Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Sawaya, S., Byle, A., & **Swierenga, S. J.** (2014, September 10). *MSU Infrastructure Planning and Facilities: Staff Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Jackson, J., Ismirle, J., Sawaya, S., Deaton, P., & **Swierenga, S. J.** (2014, July 7). *State of Michigan Department of Environmental Quality: Refined Information Architecture and Content Guidelines*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Jackson, J., Ismirle, J., Sawaya, S., Deaton, P., & **Swierenga, S. J.** (2014, June 20). *State of Michigan Department of Environmental Quality: Validation Study Results and Analysis and Revised Information Architecture*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Righi, C., Jackson, J., Ismirle, J., Sawaya, S., Deaton, P., & **Swierenga, S. J.** (2014, June 20). *State of Michigan Department of Environmental Quality: Revised Candidate Information Architecture used for Validation Testing*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Maclennan, R., Deaton, P., Casey, C., Decloniemaclennan, T., Nemchik, J., & **Swierenga, S. J.** (2014, June 19). *MSU College of Communication Arts & Sciences Website Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Deaton, P., Sawaya, S., Decloniemaclennan, T., Casey, C., Jackson, J., **Swierenga, S. J.**, & Righi, C. (2014, June 4). *State of Michigan Department of Environmental Quality: Content Inventory*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Jackson, J., Ismirle, J., Sawaya, S., Deaton, P., & **Swierenga, S. J.** (2014, May 15). *State of Michigan Department of Environmental Quality: Card Sorting, and Information Architecture Interim Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Righi, C., Jackson, J., Ismirle, J., Sawaya, S., Deaton, P., & **Swierenga, S. J.** (2014, May 15). *State of Michigan Department of Environmental Quality: Candidate Information Architecture from Cart Sort Data*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Byle, A., Sawaya, S., Jackson, J., **Swierenga, S. J.**, & Righi, C. (2014, May 15). *State of Michigan Department of Environmental Quality: Information Mining Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Byle, A., Sawaya, S., Jackson, J., **Swierenga, S. J.**, & Righi, C. (2014, May 15). *State of Michigan Department of Environmental Quality: Regulatory Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Jackson, J., Byle, A., & **Swierenga, S. J.** (2014, March 25). *MSU EBS: Unit Administrator Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Decloniemaclennan, T., & **Swierenga, S. J.** (2014, March 13). *TechSmith Snagit Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Jackson, J., Byle, A., Ismirle, J., & **Swierenga, S. J.** (2014, March 13). *MSU EBS: Manager Self-Service Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Jackson, J., Ismirle, J., Byle, A., & **Swierenga, S. J.** (2014, March 12). *MSU EBS: Employee Self-Service Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Byle, A., Casey, C., Sawaya, S., Decloniemaclennan, T., & **Swierenga, S. J.** (2014, January 31). *MSU IT Services Training Focus Group Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Ismirle, J., Jackson, J. E., Pierce, G. L., Decloniemaclennan, R., Mathew, A. & Blosser, S. (2013, December 30). *Smart Voting Joystick for Accessible Voting Machines*. Working Paper #009. Washington, DC: The Information Technology and Innovation Foundation, Accessible Voting Technology Initiative, Working Paper Series.
- Jackson, J., Ismirle, J., Decloniemaclennan, R., Byle, A., Nemchik, J., Casey, C., & **Swierenga, S. J.** (2013, December 20). *EBS Portal In-Depth Interviews Report: Experiences and Perceptions of Experienced Users*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L., Jackson, J., & **Swierenga, S. J.** (2013, September 30). *User Interface and Interaction Design Standards for Accessible Voting Systems*. Final report for NIST Cooperative Agreement 70NANB12H290. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Propst, D. L., & **Swierenga, S. J.** (2013, August 30). *Democracy in Hand: Citizen Participation and the Uses of Internet and Mobile Technology in Public Sector Natural Resource Management Final Report*. USDA/CSREES, Grant # 2012-39573-20165. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Propst, D. B., Ismirle, J., Rushlow, J., Figlan, C., & Coursaris, C. (2013, August 30). *U.S. Army Corps of Engineers, Corps Lakes Gateway Mobile Prototype: Usability Evaluation Report*. USDA/CSREES, Grant # 2012-39573-20165. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Ismirle, J., & **Swierenga, S. J.** (2013, August 5). *Kadant Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Ismirle, J., & **Swierenga, S. J.** (2013, July 11). *Jackson National Life Intranet Website: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Nemchik, J., Decloniemaclennan, R., & **Swierenga, S. J.** (2013, July 1). *SciVal Experts: Accessibility Audit Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Ismirle, J., & **Swierenga, S. J.** (2013, June 13). *State of Michigan MiBridges Website: Usability Evaluation Report, V1.1*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Rushlow, J., Decloniemaclennan, R., & **Swierenga, S. J.** (2013, June 5). *Great Lakes Clean Water Website: Accessibility Audit Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Nemchik, J., Casey, C., & **Swierenga, S. J.** (2013, June 3). *State of Michigan MiBridges: Accessibility Audit Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Jackson, J., Rushlow, J., & **Swierenga, S. J.** (2013, May 16). *[Multinational hotel chain*] Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Rushlow, J., & **Swierenga, S. J.** (2013, May 7). *[Higher education institution*]: Accessibility Compliance Evaluation Report 1*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Rushlow, J., & **Swierenga, S. J.** (2013, May 7). *[Higher education institution*]: Accessibility Compliance Evaluation Report 2*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R., Nemchik, J., Rushlow, J., & **Swierenga, S. J.** (2013, May 7). *[Higher education institution*]: Accessibility Compliance Evaluation Report 3*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Ismirle, J., & Quill, L. (2013, April 17). *State of Michigan Bridges Website: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., **Swierenga, S. J.**, and Pierce, G. L. (2013, March 11). *State of California Department of Workers Compensation PDFs: Accessibility Compliance Evaluation Report*. State of California Agreement # 41030030 A-2. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Decloniemaclennan, R. N. , Ismirle, J., Figlan, C., & **Swierenga, S. J.** (2013, February 25). *Corps Lakes Gateway Accessibility Compliance Evaluation*. Final Report. USDA/CSREES, USDA/CSREES, Grant # 2009-39478-20071 (Renewal). East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Ismirle, J., Jackson, J., & **Swierenga, S. J.** (2013, February 25). *Michigan Workforce Background Check: Accessibility Compliance Evaluation*. Final Report. Michigan Department of Licensing and Regulatory Affairs, Grant # BHP/MSU 2013. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Swierenga, S. J.** (2013, February 5). *State of Michigan Bridges In-Depth Interviews Report: Experiences and Perceptions of Eligibility Specialists*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L., **Swierenga, S. J.**, Propst, D. B., & Coursaris, C. K. (2013, January 24). *Corps Lakes Visitors Mobile Application/Website: Mobile Survey Report, V1.1*. USDA/CSREES, Grant # 2012-39573-20165. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Propst, D. B., **Swierenga, S. J.**, Pierce, G. L., & Jeong, E. (2013, January 23). *Lake Discovery Usability and Aesthetics Internet Survey of USACE Park Rangers and Managers Final Report*. USDA/CSREES, Grant # 2009-39478-20071 (Renewal). East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.** (2013, January 18). *Corps Lakes Visitors Website Accessibility Recommendations from Usability Evaluations with Persons with Disabilities*. Final Report. USDA/CSREES, Grant # 2009-39478-20071 (Renewal). East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Decloniemaclennan, R. (2013, January 11). *Delaware Background Check Center Website: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L., Elledge, M. S., & **Swierenga, S. J.** (2012, December 19). *State of California Curam 5.2 Review: Accessibility Compliance Evaluation Report*. State of California Agreement # 41030030 A-2. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Elledge, M. S., & **Swierenga, S. J.** (2012, December 19). *Creating Personas from Facebook Data: Final Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Decloniemaclennan, R., & Elledge, M. S. (2012, December 17). *Michigan State University Office of Financial Aid Website: User Interface Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Decloniemaclennan, R. (2012, November 29). *[Learning management system*]: Accessibility Audit Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Decloniemaclennan, R., & Elledge, M. S. (2012, November 29). *[Food crafting company*]: Accessibility Compliance Evaluation Report, Version 1.1*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.

- Elledge, M. S., & **Swierenga, S. J.** (2012, October 3). *Preservation and Access Virtual Education Lab (P.A.V.E.L.) Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Jackson, J. E., **Swierenga, S. J.**, & Pierce, G. L. (2012, August 10). *Information Technology Empowerment Center (ITEC) Website: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Jackson, J. E., **Swierenga, S. J.**, & Elledge, M. S. (2012, July 6). *Information Technology Empowerment Center (ITEC) Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Pierce, G. L. (2012, April 11). *Testing Usability Performance of Accessible Voting Systems: Final Report*. National Institute of Standards and Technology. Contract # SB1341-10-SE-0985. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Pierce, G. L. (2012, March 28). *Supplement to Testing Usability Performance of Accessible Voting Systems: User Interface Issues Mapped to Specific Systems*. National Institute of Standards and Technology. Contract # SB1341-10-SE-0985. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Elledge, M. S., Sung, J. E., Pierce, G. L., & **Swierenga, S. J.** (2011, October 7). *MSU Physical Plant Energy Dashboard: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L., Sung, J. E., Elledge, M. S., & **Swierenga, S. J.** (2011, September 16). *Michigan State University College of Osteopathic Medicine: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Coursaris, C. K., **Swierenga, S. J.**, & Pierce, G. L. (2011, August 31). *Corps Lakes Gateway Mobile Application/Website: Focus Group Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Propst, D. B., & Sung, J. E. (2011, July 22). *Lake Discovery Usability and Aesthetics Evaluation with Recreation and Non-recreation Major: Final Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Pierce, G. L., & Propst, D. B. (2011, July 8). *USACE 2011 Visitors Survey – MSU UARC Pilot Usability Study: Final Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Michigan State University Accommodating Technology Community. (2011). *ATC Open Letter on Digital Publishing*. East Lansing, MI: Michigan State University, Accommodating Technology Community.

- Pierce, G. L., Coursaris, C., Elledge, M. E., Mabuza, G., Mulder, D., Sung, J., **Swierenga, S. J.** (2011). *2011 MSU Internet Use and Opinion Survey: Results and Analysis*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Pierce, G. L., Quesenbery, W., Vanderheiden, G. C., Seleski, P. A. (2011). *Testing Usability Performance of Voting Systems: Screening, Background, and Post-Study Question Bank*. National Institute of Standards and Technology. Contract # SB1341-10-SE-0985. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Sung, J. E. (2011, March 29). *Corps Lakes Visitors Website – Dyslexic Users: Usability Test Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Pierce, G. L. and **Swierenga, S. J.** (2010, October). *L. Hollingsworth School for the Talented & Gifted Home Page: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Pierce, G. L., & Sung, J. E. (2010, September). *Yale New Haven Health FEMA Course: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Altimare, E., Burnett, R., & **Swierenga, S. J.** (2010, September 14). *Birth-to-Work Website Portal: Usability Focus Group Evaluation Report*. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Elledge, M. S., & **Swierenga, S. J.** (2010, September 1). *State of California, Division of Workers' Compensation, Electronic Adjudication Management System (EAMS) Accessibility Evaluation Report (Draft)*. State of California Agreement # 41030030. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Pierce, G. L., Quesenbery, W., Seleski, P. A., & Vanderheiden, G. C. (2010). *Testing Usability Performance of Voting Systems: Reference Questionnaires*. National Institute of Standards and Technology. Contract # SB1341-10-SE-0985. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, Sung, J. E., & Propst, D. B. (2010, July 27). *Lake Discovery: Usability and Aesthetics Evaluation with Undergraduate Recreation and Non-recreation Majors: Final Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability/Accessibility Research and Consulting.
- Swierenga, S. J.**, & Sung, J. E. (2010, March 31). *Peckham Website: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Swierenga, S. J.,** Roberts, H., & Sung, J. E. (2010, March 19). *Corps Lakes Visitors Website: Blind, Low Vision, and Sighted Users: Usability Test Report*. USDA/CSREES, Grant # 2009-39478-20071. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., Pierce, G. L., Roberts, H., & **Swierenga, S. J.** (2010, March). *Michigan State University Website: Round II Usability Test: Final Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** Sung, J. E., & Pierce, G. L. (2009, October 30). *Michigan Workforce Background Check Accessibility Compliance Evaluation Report*. Michigan Department of Community Health Grant # 11-P-93042. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2009, September 17). *Michigan Workforce Background Check Program: Analyst Focus Group Report*. Michigan Department of Community Health Grant # 11-P-93042. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Pierce, G. L., Elledge, M. S., & **Swierenga, S. J.** (2009, March). *Michigan State University Website: Usability Test Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Roberts, H., Elledge, M. S., & **Swierenga, S. J.** (2009, February 12). *Greater Lansing Convention & Visitors Bureau: Website User Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., Roberts, H., & **Swierenga, S. J.,** Georgis, G., & Huda, A. (2009, February 9). *[National insurance company*]: Annuity Form Redesign: Focus Group and Design Review Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., & **Swierenga, S. J.** (2008, November 2). *Michigan.gov Website Redesign: Front End Data Analysis: Phase I Overview*. Michigan Department of Community Health Grant # 11-P-93042. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., Pierce, G. L., Sung, J. E., & **Swierenga, S. J.** (2008, November). *Kuali Financial Systems FINTST Websites: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.,** & Roberts, H. (2008, October 31). *Michigan.gov Website Redesign Front End Analysis: Customer Focus Groups Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** Sung, J. E., & Roberts, H. (2008, October 23). *Michigan Workforce Background Check Web Accessibility Compliance Evaluation*. Michigan Department of Community Health Grant # 11-P-93042. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Swierenga, S. J., & Sung, J. E.** (2008, October 23). *Michigan Workforce Background Check Website: Usability Test Report*. Michigan Department of Community Health Grant # 11-P-93042. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J., & Sung, J. E.** (2008, October 15). *Web Accessibility Inspection of [Enterprise feedback management provider*] Survey Template*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Sudarsan, K., **Swierenga, S. J., & Propst, D. B.** (2008, October 8). *Lake Discovery Usability and Aesthetics Evaluation Report*. USDA/CSREES, Grant # 2003-39478-14082. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Pierce, G. L., & **Swierenga, S. J.** (2008, October). *Housing & Food Services/Kellogg Hotel and Conference Center Websites: Accessibility Compliance Evaluation Report: Round 2 Response (Updated Review)*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J., Roberts, H., & Pierce, G. L.** (2008, October). *Michigan.gov Website Redesign: Front End Data Analysis: User Interface Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J., Coursaris, C. K., Pierce, G. L., Roberts, H., & Whitten, P.** (2008). *Michigan Nutrition Network Grant: Usability and Accessibility of Nutrition and Physical Activity Education Information for Blind and Low Vision Internet Users*. USDA, Michigan Nutrition Network, ADMIN-08-99009. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J., & Sung, J. E.** (2008, September 30). *NRM Gateway, Visitors Page – Blind & Low Vision Users: Usability Test Report*. USDA/CSREES, Grant # 2003-39478-14082. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Chen, M., **Swierenga, S. J., Stengel, A., Snow, L., & Soucy, K.** (2008, September 17). *Test Report: New Hampshire Comparison of Ballot Styles*. New York, NY: Brennan Center for Justice, Task Force on Ballot Design.
- Swierenga, S. J., & Ghosh, S.** (2008, August 8). *Corps of Engineers NRM Gateway, Visitors Pages: User Interface Heuristic Evaluation Report*. USDA/CSREES, Grant # USDA/CSRS, Grant # 2003-39478-14082. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Roberts, H., Sung, J. E., & **Swierenga, S. J.** (2008, August 12). *Michigan State University Department of Animal Science: User Interface Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Elledge, M. S., **Swierenga, S. J.**, Roberts, H., & Sung, J. E. (2008, July 18). *CATA Website Evaluation: Round 2 Usability Test Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Ghosh, S., & Elledge, M. S. (2008, April 23). *California Division of Workers' Compensation – Electronic Adjudication Management System (EAMS): Accessibility Compliance Evaluation Report*. State of California Agreement # 41030030. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., Ghosh, S., & **Swierenga, S. J.** (2008, April 21). *[Multinational clothing retailer*] and [Multinational clothing retailer*] Websites: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Elledge, M. S. (2008, April 4). *[National insurance company*] Claims Forms Evaluation*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Ghosh, S. (2008, January 24). *Corps Lakes Gateway Website: Accessibility Compliance Evaluation Report*. USDA/CSRS, Grant # USDA/CSREES, Grant # 2003-39478-14082. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Ghosh, S. (2007, December 14). *[Multinational Educational Publisher*] Website: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Ghosh, S. (2007, November 16). *Public Humanities Collaborative Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Ghosh, S. (2007, November 7). *Greater Lansing Convention & Visitors Bureau: Website User Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., & Ghosh, S. (2007, October 30). *The Office for Inclusion and Intercultural Initiatives: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Coursaris, C. K., & Post, L. A. (2007, September 30). *Abuse Complaints Handling Process: Addendum Study for "Vulnerable Medicaid Populations: A Public Policy Assessment of Above Reduction."* Research Report. Health and Human Services, Centers for Medicare and Medicaid Services, CFDA 93.778 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Kantner, L. (2007, September 4). *Arbor Networks Evaluation: Round 2, Phase 2 Usability Test: Results Report*. Ann Arbor, MI: Tec-Ed, Inc.

- Elledge, M. S., **Swierenga, S. J.**, & Kantner, L. (2007, July 13). *Arbor Networks Evaluation: Round 2, Phase 1 Usability Test: Results Report*. Ann Arbor, MI: Tec-Ed, Inc.
- Swierenga, S. J.**, & Elledge, M. S. (2007, May 23). *A Section 508 Accessibility Compliance Evaluation for Michigan Workforce Background Check Website*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Coursaris, C. K., Rivera, G., & Fortino, J. (2007, May 18). *Michigan Workforce Background Check Website Evaluation-Experienced Users: Usability Test Report, V1.2*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Wright, C., **Swierenga, S. J.**, & Rivera, G. (2007, May 18). *LON-CAPA Author Users: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Anschuetz, L. (2007, May 18). *[REDACTED*] Search Marketing and [REDACTED*]: Competitive Benchmarking Usability Study: Final Results Report*. Ann Arbor, MI: Tec-Ed, Inc.
- Swierenga, S. J.**, & Rivera, G. (2007, May 7). *MI Drive: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Wright, C., & **Swierenga, S. J.** (2007, April 9). *Lake Discovery Wireframe: Parks/Recreation Managers Usability Focus Group Report*. USDA/CSREES, Grant # 2003-39478-14082. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., & **Swierenga, S. J.** (2007, March 23). *[Non-profit education association*]: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, & Elledge, M. S. (2007, March 7). *Michigan Traffic Website: Focus Group Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Casey, C., Fortino, J., Grimms, S., Rivera, G., Smith, B., & Wright, C. (2007, February 17). *Georgia, New York, and [State*] Travel Websites: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Wright, C., **Swierenga, S. J.**, & Casey, C. (2007, January 26). *Housing & Food Services/Kellogg Hotel and Conference Center Websites: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Wright, C., **Swierenga, S. J.**, & Casey, C. (2007, January 26). *Housing & Food Services/Kellogg Hotel and Conference Center Websites: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Kantner, L. (2006, December 22). *Arbor Networks Evaluation: Round 2 Usability Test: Results Report*. Ann Arbor, MI: Tec-Ed, Inc.
- Swierenga, S. J.** (2006, December 8). *Michigan Program for Background Checks: Providers Discussion Group Report*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Kantner, L. (2006, November 21). *Arbor Networks Evaluation: Round 1 Usability Test: Results Report*. Ann Arbor, MI: Tec-Ed, Inc.
- Swierenga, S. J.**, Elledge, M. S., & Wright, C. (2006, September 7). *College of Agriculture and Natural Resources Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., & Wright, C. (2006, September 7). *College of Agriculture and Natural Resources Website: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., Wright, C., & Diehl, A. (2006, August 24). *Michigan State University Federal Credit Union Website: Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., Wright, C., & Diehl, A. (2006, August 14). *LON-CAPA: The LearningOnline Network with CAPA: Course Coordinator Interface: Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Rudden, C., Diehl, A., & **Swierenga, S. J.** (2006, June 30). *MSU Criminal Justice Website Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2006, June 28). *Michigan Workforce Background Check Program: Providers Focus Group Report – Power Users*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Rudden, C., Diehl, A., **Swierenga, S. J.**, & Elledge, M. S. (2006, June 14). *MSU Admissions and Scholarships Website Evaluation: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Rudden, C., Diehl, A., **Swierenga, S. J.**, Elledge, M. S., & Grabill, J. (2006, June 8). *LON-CAPA Faculty Users: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Rudden, C., **Swierenga, S. J.**, Elledge, M. S., & Grabill, J. (2006, April 24). *LON-CAPA Student Users: Usability Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., & Rudden, C. (2006, April 7). *A User Interface Heuristic Evaluation of [Rental car agency*]*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Rudden, C. (2006, March 28). *MSU Admissions Website Heuristic Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Elledge, M. S., **Swierenga, S. J.**, & Rudden, C. (2006, March 27). *MSU Admissions Website (Freshmen Path): Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Elledge, M. S., & Diehl, A. (2006, March 27). *MSU Admissions Website Accessibility Compliance Evaluation Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Dennis, T., & Rudden, C. (2006, March 27). *Michigan Workforce Background Check Website Evaluation: Usability Test Report*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2006, March 14). *Michigan Workforce Background Check Program: Providers Focus Group Report*. Health and Human Services, Centers for Medicare and Medicaid Services, 11-P-93042/5 (SOM MDCH subaward). East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Rudden, C., & Diehl, A. (2006, February 10). *MSU Home Page Website Evaluation: Usability Test Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.**, Rudden, C., & Joshi, V. (2006, February). *A User Interface Heuristic Evaluation of [Internet coupons*]*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Rudden, C., Diehl, A., & **Swierenga, S. J.** (2005, September 1). *Web Accessibility Compliance Evaluation Michigan State University Outreach & Engagement: Final Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.

- Swierenga, S. J.,** Diehl, A., & Joshi, V. (2005, August 12). *[Fortune 500 multinational bank*] Website Accessibility Compliance Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** Diehl, A., & Georgis, G. (2005, June 2). *CATA Website Evaluation: Usability Test Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2005, April 4). *Kellogg Hotel and Conference Center Web accessibility Compliance Review*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.** (2005, March 29). *User Interface Heuristic Evaluation of Dining-Related Pages on the Housing & Food Services/Kellogg Hotel and Conference Center Websites*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** Georgis, G., Joshi, V., & Van Duinen, A. (2005, February 24). *MSU College of Nursing Alumni and Development Group Focus Group Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** & Georgis, G. (2005, February 22). *MSU College of Nursing Website Concept Test Report*. East Lansing, MI: Michigan State University, Usability & Accessibility Center.
- Swierenga, S. J.,** Militello, L. G., & Gorman, M. E. (2004). *Unpacking mental models of website navigation: Implications for accessibility*. Ohio Board of Regents Report. Dayton, OH: University of Dayton Research Institute.
- Swierenga, S. J.,** Walker, J., Snead, A., Donahoo, C., & Quill, L. (2003, October). *Electronic flight and technical manual design guidelines*. (Report No. AFRL-HE-WP-TR-2003-0161). United States Air Force Research Laboratory, Human Effectiveness Directorate, Wright-Patterson AFB, Dayton, OH.
- Swierenga, S. J.** (2002). *Usability test report: Yahoo usability study with users who are sightless*. University of Dayton Research Institute, Aerospace Mechanics Division, Dayton, OH.
- Swierenga-Osgood, S.** (1986). *Menuing and scrolling as alternative information management techniques*. Final Report for the C2 Operator Console Study (Subcontract N66001-85-C-0253 with Naval Ocean Systems Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory (TR-86-0701).
- Ellingstad, V. S., Parnig, A., Gehlen, J. R., **Swierenga, S. J.,** & Auflick, J. (1985). *An evaluation of the touch tablet as a command and control input device*. Final Report for the C2 Operator Console Study (Subcontract N66001-83-D-0054 with Westec Services and Naval Ocean Systems Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory.

Swierenga, S. J. (1984). *Alternative cursor control devices: An empirical comparison*. Final Report for Task II (Subcontract 5SB-79C0159 with Andrulis Research Corporation and Pacific Missile Test Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory.

Swierenga, S. J., & Struckman-Johnson, D. L. (1984). *Alternative cursor control devices: An empirical comparison using a tracking task*. Final Report for Task II.3 (Subcontract 5SB-79C0159 with Andrulis Research Corporation and Pacific Missile Test Center). Vermillion, SD: University of South Dakota, Human Factors Lab.

Struckman-Johnson, D. L., **Swierenga, S. J.,** & Shieh, K. K. (1984). *Alternative cursor control devices: An empirical comparison using a text-editing task*. Final Report for Task II.2 (Subcontract 5SB-79C0159 with Andrulis Research Corporation and Pacific Missile Test Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory.

Struckman-Johnson, D. L., **Swierenga, S. J.,** & Shieh, K. K. (1983). *The effects of system response time delays in embedded systems*. Final Report for Task II.1 (Subcontract 5SB-79C0159 with Andrulis Research Corporation and Pacific Missile Test Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory.

Toh, A. K. Y., Ellingstad, V. S., & **Swierenga, S. J.** (1983). *Cognitive modeling in human-machine systems, Volume 1: A review of the literature*. Final Report (Contract N62269-82-M-3302 with Naval Air Development Center). Vermillion, SD: University of South Dakota, Human Factors Laboratory.

Media

Swierenga, S. J., & Hills, C. (2016, November 7). *Michigan Celebrated World Usability Day on November 10*. Michigan State University, University Outreach and Engagement press release.

Swierenga, S. J., & Hills, C. (2015, November 5). *Lineup of Women Presenters at MSU Celebration of World Usability Day Embodies Advancement and Innovation*. Michigan State University, University Outreach and Engagement press release.

Wensloff, V. (2014, November 21). *World Usability Day sparks academic-industry conversation about creating engaging user interfaces*. Michigan State University, College of Communication Arts and Sciences press release.

Hills, C., & **Swierenga, S. J.** (2014, November 12). *MSU celebrates World Usability Day on November 13*. Michigan State University, University Outreach and Engagement press release.

- Gleason, S., & Reeves, M. (2014, October 13). *Helping stroke patients transition from hospital to home*. Michigan State University press release. Retrieved from http://msutoday.msu.edu/news/2014/helping-stroke-patients-transition-from-hospital-to-home/?utm_campaign=standard-promo&utm_source=msuedu-news-links&utm_medium=msuhome
- MSU CAS. (2014, August 1). *Multi-department award approved for \$2 million by the Patient Centered Outcomes Research Institute*. Michigan State University, College of Communication Arts and Sciences press release. Retrieved from <http://cas.msu.edu/award-pcori/>
- Dennis, T., & Swierenga, S. J. (2014, June 10). *Michigan Workforce Background Check overview training video*. Michigan State University, Usability/Accessibility Research and Consulting.
- Bamford, T. (2013, November 18). *BTN LiveBIG: Voting made easier at Michigan State*. Big Ten Network. Retrieved from <http://btn.com/2013/11/18/btn-livebig-voting-made-easier-at-michigan-state/>
- 'Smart Voting Joystick' improves accessibility at the polls for the disabled. (2013, November 13). *Capital Gains*. Retrieved from <http://www.capitalgainsmedia.com/innovationnews/Joystick0739.aspx>
- Hills, C., & Swierenga, S. J. (2013, November 7). *MSU celebrates World Usability Day on November 14*. Michigan State University, University Outreach and Engagement press release. Retrieved from <http://usability.msu.edu/upload/news/News%20Release,%20World%20Usability%20Day%20at%20MSU%202013,%20final,%2011.07.2013.pdf>
- Roush, M. (2013, November 11). *World Usability Day coming up Thursday*. *CBS Detroit*. Retrieved from <http://detroit.cbslocal.com/2013/11/11/world-usability-day-coming-up-thursday/>
- Bott, C. (2013, November 1). *Engineering students create voting joystick*. *The State News*. Retrieved from <http://statenews.com/article/2013/10/engineering-students-create-voting-joystick>
- MSU engineering students help advance a joystick for voting independently. (2013, October 30). *CBS Detroit*. Retrieved from <http://detroit.cbslocal.com/2013/10/30/msu-engineering-students-help-advance-a-joystick-for-voting-independently/>
- MSU researchers create voting joystick for disabled. (2013, October 29). *WZZM 13 Grand Rapids*. Retrieved from <http://www.wzzm13.com/news/article/272339/2/MSU-researchers-create-voting-joystick-for-disabled>

- MSU researchers invent voting tool. (2013, October 30). *WILX 10 Lansing*. Retrieved from <http://www.wilx.com/news/headlines/MSU-Researchers-Invent-Voting-Tool-229792491.html>
- New voting joystick could enable people with dexterity impairments to cast ballots independently. (2013, October 30). *The Medical News*. Retrieved from <http://www.news-medical.net/news/20131030/New-voting-joystick-could-enable-people-with-dexterity-impairments-to-cast-ballots-independently.aspx>
- Joystick advances independent voting. (2013, October 30). Product Design & Development. Retrieved from <http://www.pddnet.com/news/2013/10/joystick-advances-independent-voting>
- Casting ballots independently. (October 29, 2013). *MSU Engineering News*. Retrieved from <http://www.egr.msu.edu/news/2013/10/29/casting-ballots-independently>
- Joystick advances independent voting. (2013, October 29). *Bio-Medicine*. Retrieved from <http://www.bio-medicine.org/medicine-news-1/Joystick-advances-independent-voting-119187-1/>
- Joystick advances independent voting. (2013, October 29). *Electronic Component News*. Retrieved from <http://www.ecnmag.com/news/2013/10/joystick-advances-independent-voting>
- Joystick advances independent voting. (2013, October 29). Phys.org. Retrieved from <http://phys.org/news/2013-10-joystick-advances-independent-voting.html>
- MSU-created joystick advances independent voting. (2013, October 29). *Fox 47 News*. Retrieved from <http://www.fox47news.com/news/wearespartans/MSU-Created-Joystick--229695291.html>
- MSU-created joystick advances independent voting. (2013, October 29). *Michigan State University Today*. Retrieved from <http://msutoday.msu.edu/news/2013/msu-created-joystick-advances-independent-voting/>
- Swierenga, S. J.:** WLNS-Channel 6 (2013, May 6). TV interview with Emerald Morrow. *Yale, MSU Vow to Rebuild Michigan's Background Check System*. Available May 6, 2013 from <http://www.wlns.com/story/22176298/yale-msu-vow-to-rebuild-michigans-background-check-system>
- Swierenga, S. J.:** WLAJ/ABC3 (2008, November 13). TV interview for World Usability Day. *The State News*.
- Swierenga, S. J.:** WLNS6/CBS (2007, November 8). TV interview for World Usability Day, "Story of MSU World Usability Day."
- Swierenga, S. J.** (2007, Apr. 16). Interview with Gina Scott. *Technology can improve lives: Help America Vote Act*. http://www.govtech.com/gt/print_article.php?id=104995.

Swierenga, S. J.: WLNS6/CBS (2006, November 14). TV interview for World Usability Day, "MSU hosts World Usability Day event."

Swierenga, S. J. (2005, November 2). UARC conference mentioned in USA Today, Business section cover story, "Why are tech gizmos so hard to figure out?"

Courses & Web-based Education

- 1990 Wright State University, Department of Psychology, Fairborn, OH, "Advanced Topics in Cognition and Learning: Human Factors: Human Factors in System Design" PSY 412, PSY 621
- 1991-1992 Wright State University, Department of Psychology, Fairborn, OH, "The Science of Behavior II." PSY 110
- 2002 University of Dayton, Department of Psychology, Dayton, OH, "Engineering Psychology." Graduate and undergraduate sections. PSY 435, PSY 533
- 2002-2003 University of Dayton, Department of Psychology, Dayton, OH, "Introductory Psychology." Online and traditional sections. PSY 101
- 2002-2003 University of Dayton, Department of Psychology, Dayton, OH, "Human-Computer Interaction." Graduate and undergraduate sections. PSY 495, PSY 534

Editorial Activity

- 2005-Present Member of Editorial Board and Reviewer, *Journal of Usability Studies*
- 2014-Present Reviewer, *Ergonomics in Design*, Human Factors and Ergonomics Society
- 2016-Present Reviewer, *Universal Access in the Information Society*, Springer Link
- 2010 Guest editor, *Journal of Usability Studies*, Special Issue: Moving Towards an All-Encompassing Universal Design Approach in ICT
- 2010 Reviewer, *International Journal of E-Business Research (IJEER)*, Special Issue: Human-Computer Interaction Value for E-Business
- 2011 Reviewer, *The 6th Mediterranean Conference on Information Systems (MCIS2011)*

Conference Session Chair

- 2013 Session chair, Human-Computer Interaction International 2013 conference, "Enhancing Government Websites" session (**Swierenga, S. J.**)
- 2014-2015 Session chair, Human-Computer Interaction International 2014 and 2015 conferences, "Strategic Social Media and Usability" session (**Swierenga, S. J.**, Coursaris, C. K., & Van Osch, W.)
- 2016 Session chair, Human-Computer Interaction International 2016 conference, "User Experience in the Digital Age" session (Coursaris, C. K., **Swierenga, S. J.**, Head, M., & Hassanein, K.)
- 2017 Session chair, Human-Computer Interaction International 2017 conference, "User Experience in the Digital Age" session (**Swierenga, S. J.**, Abujarad, F., & Deaton, P.)

Academic Thesis Committees

- 2002-2005 University of Dayton, Psychology Department, Human Factors Psychology Program (Masters Degrees)
- Jesse Walker, 2002-2005 (ABT)
 - Heather Singleton, 2002-2004 (ABT)
 - Morgan Schuler, 2002-2003 (ABT)
- 2005-Present Michigan State University (Masters Degrees)
- Adina Huda, Department of Telecommunication, Information Studies, and Media, Digital Media Art & Technology Program, 2005
 - James Jackson, Writing, Rhetoric, and American Cultures, Digital Writing Program, 2013
 - Rob DecloniemacIennan, Department of Telecommunication, Information Studies, and Media, Human-Computer Interaction Program, 2013
 - Ian O'Bara, Department of Media and Information, Human-Computer Interaction Program, in progress
 - Phillip Deaton, Department of Digital Rhetoric & Professional Writing, in progress
 - Jennifer Ismirle, Department of Digital Rhetoric & Professional Writing, in progress

University Committee Work

- 2004-Present Accommodating Technology Café – Advisory group to Vice Provost for Libraries, Computing & Technology
- 2004-2013 Web Accessibility Advisory Committee – Advisory group to Vice Provost for IT Services and Sr. Advisor to the President from the Office for Inclusion & Intercultural Initiatives
- 2005-2014 Web Accessibility Working Group – Advisory group to IT Services and the Office for Inclusion & Intercultural Initiatives
- 2010-2012 MSU Consortium of Research Consulting Services – Advisory group for the Office of the VP for Research and Graduate Studies
- 2015-Present Web Accessibility Policy Liaison – Office of the Associate Provost of University Outreach and Engagement accessibility liaison to IT Services and the Office for Inclusion & Intercultural Initiatives