

Sarah J. Swierenga, Ph.D., C.P.E.
Director, Usability/Accessibility Research and Consulting
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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

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| 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 &

2002-2004

Visiting Assistant Professor of Psychology

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.

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Workshops, Presentations, and Colloquia

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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.

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- 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.
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- Swierenga, S. J. (2002).** *Designing accessible web sites.* Presentation at the Human Factors and Ergonomics Society, Southern Ohio Chapter meeting.
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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 Decloniemaclennan, 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