

William Hart-Davidson, Ph.D.

Curriculum Vitae

hartdav2@msu.edu
202 Linton Hall
Michigan State University
East Lansing, MI 48824

Academic Appointments

Associate Professor

Department of Writing, Rhetoric, and American Cultures
College of Arts & Letters, Michigan State University
August 2008-present

Assistant Professor

Department of Writing, Rhetoric, and American Cultures
College of Arts & Letters, Michigan State University
August 2004-2008

Assistant Professor of Technical Communication & Human-Computer Interaction,

Department of Language, Literature, & Communication. Rensselaer Polytechnic Institute. August, 1999-2002. Reappointed, August, 2002.
Appointed to the Faculty of Information Technology, 10/2000. Reappointed 8/2003.

Teaching Assistant, Department of English. Purdue University. 1994-1999

Teaching Assistant, Department of English. Bowling Green State University. 1993-1994.

Research Assistant, Department of Student Services. Bowling Green State University, 1992-1994.

Administrative Appointments

Co-Director, Writing in Digital Environments Research Center

August 2004-2014

Senior Researcher, Writing, Information & Digital Experience Research Center

August 2014-present

Interim Director, Rhetoric & Writing Graduate Program

December 2009-August 2010

Director, Rhetoric & Writing Graduate Program

August 2010-January 2014

Associate Chair for Graduate Studies, Department of Writing, Rhetoric & American Cultures

August 2011 – January 2014

Associate Dean for Graduate Education, College of Arts & Letters

January 2014 – December 2016

Associate Dean for Research & Graduate Education, College of Arts & Letters

January 2017 – Present

Education

Ph.D. English, Purdue University, Dept. of English, West Lafayette, IN 8/99

Primary Area: Rhetoric and Composition

Secondary Areas: Professional Writing, Cultural Studies

Dissertation: *Writing Networks: A Participatory Design Initiative for Preparing*

Teachers of Professional Writing for Networked Environments

Committee: Patricia Sullivan, chair; James Porter; Shirley Rose;
Johndan Johnson-Eilola

M.A. English, Bowling Green State University, Dept. of English, Bowling Green, OH 8/94

Primary Area: Rhetoric and Writing

Master's Thesis: *Towards a "Virtual" Rhetoric: Implications for Literacy and Pedagogy*

Committee: Alice Calderonello, chair; Kathleen Farber; Bruce Edwards

B.S. Education, Bowling Green State University, College of Education & Allied Professions
Bowling Green, OH 5/92

Primary Area: English Secondary Education

Graduated Cum Laude

Publications

Books

Lauer, J., Lunsford, A., Atwill, J., Clemens, T., Hart-Davidson, W., Jacobs, D., Langstraat, L., Miles, L., Peeples, T., & Uber-Kellog, N. (2000). *Four Worlds of Writing: Inquiry & Action in Context*, 4th Edition. New York: Allyn & Bacon/Longman. 1999.

Ridolfo, J. & Hart-Davidson, W. (Eds.) (2015). *Rhetoric & the Digital Humanities*. University of Chicago Press.

*Won 2016 *Computers & Composition* Distinguished Book Award

Refereed Journal Articles & Articles in Proceedings

Omizo, R., Hart-Davidson, W., Nguyen, M., & Clark, I. (2016). You Can Read the Comments Section Again: The Faciloscope App and Automated Rhetorical Analysis. *DH Commons Journal*. Forthcoming 10.14.16.

Larson, B., Hart-Davidson, W., Walker, K.C., Walls, D., & Omizo, R. (2016). Use What You Choose: Applying Computational Methods to Genre Studies in Technical Communication. *Proceedings of SIGDOC 2016*. ACM: Arlington, VA.
DOI:<http://dx.doi.org/10.1145/2987592.2987603>

Olomu, A., Hart-Davidson, W., Luo, Z., Kelly-Blake, K., & Holmes Rovner, M. (2016). Implementing Shared Decision Making in Federally Qualified Health Centers, a Quasi-Experimental Design Study: the Office Guidelines Applied to Practice (Office-GAP) Program. *BMC Health Services Research* 16:334. DOI: 10.1186/s12913-016-1603-3

Gonzales, L., Potts, L., Hart-Davidson, B., & McLeod, M. (2016). Revising a Content-Management Course for a Content Strategy World. *IEEE Transactions on Professional Communication*, 59(1), 56-67.

Omizo, R. & Hart-Davidson, W. (2016). Hedge-O-Matic. *Enculturation* 7
<http://enculturation.net/hedgeomatic>.

Omizo R., & Hart-Davidson, W. (2016). Finding genre signals in academic writing. *Journal of Writing Research*, 7(3), 485-509.

Hart-Davidson, W. (2015). The Turn to Learning: A View of UX Project Management as Organizational Learning Practice. *International Journal of Sociotechnology and Knowledge Development (IJSKD)*, 7(3), 49-52.

Jackson, J., Swierenga, S. J., & Hart-Davidson, W. (2014). Assistive Technology Support for Complex Reading. *Journal on Technology & Persons with Disabilities 1*. Northridge, CA: CSUN.

Sun, H., & Hart-Davidson, W. F. (2014, April). Binding the material and the discursive with a relational approach of affordances. In *Proceedings of the 32nd annual ACM conference on Human factors in computing systems* (pp. 3533-3542). ACM.

Andersen, R., Benavente, S., Clark, D., Hart-Davidson, W., Rude, C., & Hackos, J. (2013). Open research questions for academics and industry professionals: results of a survey. *Communication Design Quarterly Review, 1*(4), 42-49.

Benavente, S., Rude, C., Hart-Davidson, B., & Andersen, R. (2013). Results of the April 2013 technical communication industry research needs survey. *CIDM Information Management News*.

Hart-Davidson, W., Spinuzzi, C., & Zachry, M. Activity streams: building context to coordinate writing activity in collaborative teams. *Proceedings of the 30th ACM International Conference on Design of Communication - SIGDOC '10*. New York, NY. ACM Press. 279-288.

Hart-Davidson, W., & Grabill, J. (2012). The value of computing, ambient data, ubiquitous connectivity for changing the work of communication designers. *Communication Design Quarterly 1* .1. <http://dl.acm.org/citation.cfm?id=J1351>

Ridolfo, J., McLeod, M., & Hart-Davidson, W. (2011). Rhetoric and the digital humanities: Imagining the Michigan State University Israelite Samaritan collection as the foundation for a thriving social network. *Journal of Community Informatics 7.3*. Available: <http://ci-journal.net/index.php/ciej/article/view/754/757>.

Walker, J.R., Blair, K.R., Eyman, D. Hart-Davidson, W., McLeod, M., Grabill, J., Kemp, F., Palmquist, M., Purdy, J.P., Sorapure, M., Tulley, C., Vitanza, V.J. (2011). *Computers and Composition 20/20: A conversation piece, or what some very smart people have to say about the future. Computers and Composition 28.4*. 327-346.

McCarthy, J., Grabill, J., Hart-Davidson, W. & McLeod, M. (2011). Content Management in the Workplace: Community, Context, and a New Way to Organize Writing. *Journal of Business & Technical Communication 25.3*. 1-29.

*Won NCTE Award for Best Article Reporting Qualitative or Quantitative Research in Technical or Scientific Communication

Hart-Davidson, W., McLeod, M., Klerkx, C., Wojcik, M. (2010) A method for measuring helpfulness in online peer review. *Proceedings of the 28th ACM International Conference on Design of Communication - SIGDOC '10*. New York, NY. ACM Press. 115-122.

McCarthy, J. & Hart-Davidson, W. (2009). Finding usability in workplace culture. *Intercom*, June 2009. 10-12.

Zachry, M., Hart-Davidson, W., and Spinuzzi, C. (2008). Advances in understanding knowledge work. In *SIGDOC '08: Proceedings of the 26th annual international conference on Design of communication*, New York, NY, USA . ACM Press. 243-248.

Diehl, A., Grabill, J., Hart-Davidson, W., & Iyer, V. (2008). "Grassroots: Supporting the Knowledge Work of Everyday Life." *Technical Communication Quarterly 17.4*. 413-434.

Sheridan, D.M., & Hart-Davidson, W. (2008). "Just for Fun: Writing and Literacy Learning as Forms of Play." *Computers and Composition 25.3*. 323-340

- Hart-Davidson, W., Bernhardt, G., Mcleod, M., Rife, M., & Grabill, J. (2008). "Coming to Content Management: Inventing Infrastructure for Organizational Knowledge Work." Forthcoming in *Technical Communication Quarterly* 17.1. 10-34.
- Hart-Davidson, W., Spinuzzi, C. J., & Zachry, M. (2007). "Capturing & Visualizing Knowledge Work: Results & Implications of a Pilot Study of Proposal Writing Activity." *Proceedings of the 25th ACM International Conference on Design of Communication*. Association for Computing Machinery. New York, NY. 113-119 .
- Zachry, M., Spinuzzi, C., & Hart-Davidson, W. (2007). "Visual Documentation of Knowledge Work: An Examination of Competing Approaches." *Proceedings of the 25th ACM International Conference on Design of Communication*. Association for Computing Machinery. New York, NY. 120-126.
- Hart-Davidson, W. (2007). "Web 2.0: What Technical Communicators Should Know as Web Users Become Content Producers." *Intercom* Sept/Oct 2007.
- Hart-Davidson, W., Spinuzzi, C. J., & Zachry, M. (2006). "Visualizing writing activity as knowledge work: Challenges and opportunities." *Proceedings of the 24th ACM International Conference on Design of Communication*. Association for Computing Machinery. New York, NY. 70-77.
- Spinuzzi, C., Hart-Davidson, W., & Zachry, M. (2006). "Chains & Ecologies: Methodological Notes toward a Communicative-Mediational Model of Technologically-Mediated Writing." *Proceedings of the 24th ACM International Conference on Design of Communication*. Association for Computing Machinery. New York, NY. 43-50.
- Zachry, M., Spinuzzi, C., & Hart-Davidson, W. (2006). "Researching Proposal Development: Accounting for the Complexity of Designing Persuasive Texts." *Proceedings of the 24th ACM International Conference on Design of Communication*. Association for Computing Machinery. New York, NY. 142-148.
- WIDE Research Center Collective (Cushman, E., Devoss, D., Grabill, J., Hart-Davidson, W., Porter, J.). (2005). "Why Teach Digital Writing?" *Kairos* 10.1.
<http://english.ttu.edu/Kairos/10.1/binder2.html?coverweb/wide/index.html>.
*Finalist for *Kairos Best Webtext of 2005*
- Hart-Davidson, W.; Krause, S.D., Carbone, N., Day, M., English, J., Harris, T., Johnson-Eilola, J., Nellen, T., Palmquist, M., Rice, R., and Rickley, R. "Re: The Future of Computers and Writing: A Multivocal Textumtary." *Computers and Composition* 21.1. (March): 2004.147-159.
- . (2008). Reprinted in Sidler, M., Morris, R., & Overman Smith, E. (Eds). *Computers in the Composition Classroom: A Critical Sourcebook*. Boston: Bedford/St. Martin's, 485-497.
- Hart-Davidson, W. (2003). "Seeing the project: Mapping patterns of intra-team communication events." *Proceedings of SIGDOC 2003: 21st Annual International Conference on Documentation*. San Francisco: Association of Computing Machinery. 28-34.
- Grice, R. & Hart-Davidson, W. (2002). "Mapping the Expanding Landscape of Usability: The Case of Distributed Education." *Journal of Computer Documentation*, 26.4. 159-167.
- Hart-Davidson, W. (2002) "Modeling document-mediated interaction." *Proceedings of the ACM SigDoc 2002 Conference*. Toronto: Association of Computing Machinery. Forthcoming.
- Aragones, A., and Hart-Davidson, W. (2002). "Why, when, and how do users
-

customize web portals?" *Proceedings of the International Professional Communication Conference*. IEEE: Portland, OR. 375-388.

Hart-Davidson, W., & Williams, A. (2002). "Modeling document structures in use: Capturing reflections of user performances." *Proceedings of the International Professional Communication Conference*. Portland, OR: IEEE. 476-488.

Hart-Davidson, W. (2002). "Turning reflections into technology: Leveraging theory and research in the design of communication software." *Proceedings of the International Professional Communication Conference*. Portland, OR: IEEE. 455-467

Hart-Davidson, W. (2001). "Reviewing and rebuilding technical communication theory: Considering the value of theory for informing change in curriculum and practice." *Proceedings of the STC Convention*. Chicago: STC.
<http://www.stc.org/proceedings/ConfProceed/2001/PDFs/STC48-000119.PDF>

Hart-Davidson, W. & Grice, R. (2001). "Extending the Dimensions of Education: Designing, Developing, and Delivering Effective Distance Education Classes." *Proceedings of the International Professional Communication Conference*. Santa Fe, NM: IEEE. 221-230

Hart-Davidson, W. (2001). "On Writing, Technical Communication, and Information Technology: The Core Competencies of Technical Communication." *Technical Communication*, 48.2 (May). 145-155.

Hart-Davidson, W. (1996). "Teaching the page as a visual unit." *Business Communication Quarterly* 59, 3, pp. 71-73.

Book Chapters

Sackey, D. J., & Hart-Davidson, W. (2016). Writing Devices. In Barnett, S. & Boyle, C. (Eds.), *Rhetoric, Through Everyday Things*. Tuscaloosa: U of Alabama P. 69-82.

Pigg, S., Hart-Davidson, W., Grabill, J., & Ellenbogen, K. (2016). Why People Care About Chickens and Other Lessons About Rhetoric, Public Science, and Informal Learning Environments. *Reconceptualizing STEM Education: The Central Role of Practices*. Richard A. Duschi & Jennifer Bismarck, eds. London: Routledge. 253-270.

Reprint:

Pigg, Hart-Davidson, Grabill, & Ellenbogen (2016). Why People Care About Chickens and Other Lessons About Rhetoric, Public Science, and Informal Learning Environments. *Science & the Internet: Communicating Knowledge in a Digital Age*. Alan G. Gross & Jonathan Buehl, eds. Mahwah, NJ: Baywood. 247-266.

Hart-Davidson, W. (2014). "Learning Many-to-Many: The Best Case for Writing in Digital Environments." In *Invasion of the MOOCs: The Promise & Peril of Massive Online Open Courses*. S. Krause & C. Lowe (Eds.). Clemson, SC: Parlor Press.

Beyond Engagement. (2013). *Designing for User Engagement on the Web: Ten Basic Principles*. C. Geisler, Ed. New York: Routledge. 159-66.

Hart-Davidson, W. (2012). What are the work patterns of technical communicators? In J. Johnson-Eilola & S. Selber (Eds.), *Solving problems in technical communication*. Chicago : U of Chicago P. 50-74.

Hart-Davidson, W. & Peebles, T. (2012). Remapping professional writing: articulating the state of the art and composition studies. In K. Ritter & P.K. Matsuda (Eds.), *Exploring composition studies: Sites, issues, and perspectives*. Logan, UT: Utah State UP. 52-72.

- McLeod, M., Hart-Davidson, W., & Grabill, J. (2012). Theorizing and building online writing environments: User-centered design beyond the interface. In G. Pullman & B. Gu (Eds.) *Designing web-based applications for 21st century writing classrooms*. Amyityville, NY: Baywood. 7-18.
- Lindquist, J., Hart-Davidson, W., & Grabill J.T. (2009). Making composing visible: A study of first-year college writers' distributed invention practices. In Troia, G.A., Shankland, D., & Heintz, A. (Eds.), *Putting writing research into practice: Applications for teacher professional development*. New York: Guilford Press.
- Grabill, J. & Hart-Davidson, W. "Writing and/as Knowledge Work." In Starke-Meyerring, D., Paré, A., Artemeva, N., Horne, M. and Yousoubova, L. (Eds.), *Writing (in) the knowledge society*. West Lafayette, IN: Parlor Press and Fort Collins, Colorado: The WAC Clearinghouse. (forthcoming).
- Hart-Davidson, W. "Reconsidering the Idea of a Writing Program." In Hundleby, M. & Allen, J. *Assessment in Technical and Professional Communication*. Albany: SUNY Press. In Press.
- Lauer, J., Comstock, M., Gu, B., Hart-Davidson, W., Moriarty, T., Peeples, T., Reuer, L., & Zerbe, M. (2008). "Their Stories of Mentoring: Multiple Perspectives on Mentoring." In M. Eble & L.L. Gaillet. *Stories of Mentoring: Theory & Praxis*. West Lafayette, IN: Parlor Press. 46-58.
- Hart-Davidson, W. (2007). "Studying the Mediated Action of Composing with Time-Use Diaries." In *Digital Writing Research: Technologies, Methodologies, & Ethical Issues*. D. Devoss & H. McKee (Eds.). 153-170.
- Hart-Davidson, W. & Peeples, T. (2006). "Techniques, Technologies, and the Deskillling of Rhetoric and Composition: Managing the Knowledge-Intensive Work of Writing Instruction." In Takayoshi, P., & Sullivan, P. *Labor, Writing Technologies, and the Shaping of Composition in the Academy*. Cresskill, NJ: Hampton Press.
- Hart-Davidson, W. & Halloran, S. M. (2005). "On the Formation of Democratic Citizens: Rethinking the Rhetorical Tradition in a Digital Age." In R, Graff, A. Walzer, and J. Atwill (Eds.) *The Viability of the Rhetorical Tradition*. Albany: SUNY Press. 125-40.
- Hart-Davidson, W. (2005). "Shaping Texts that Transform: Lessons for Technical Communicators from Human-Computer Interaction ." In M. Day & C. Lipson (Eds.) *Technical Communications and the World Wide Web*. Mahwah, NJ. 27-42.
- Peeples, T. & Hart-Davidson, W. (1997). "Grading the 'subject': Questions of expertise and evaluation." In L. Allison, L. Bryant, & M. Hourigan (eds.), *Grading in the post-process classroom: From theory to practice*. Portsmouth, NH: Boynton/Cook. 94-113.

Reviews & Minor Articles/Refereed

- Hart-Davidson, W. (2006). "Groups Being Groups: Knowledge Work in Social Collectives." WIDE Research Center Conference: Writing :: Digital Knowledge.
- Hart-Davidson, W. (2004). "Reconsidering the basics of technical writing: What are the basic units of a quality writing project?" *Proceedings of the 31st Annual Meeting of the Council of Programs in Technical and Scientific Communication*.
http://www.english.vt.edu/%7Edubinsky/CPTSC_04/individual%20papers%20formatted/hart-davidson.doc. West Lafayette, IN: CPTSC.

Hart-Davidson, W. (2003). "Border? What border? Documents are interfaces." *Proceedings of the 30th Annual Meeting of the Council of Programs in Technical and Scientific Communication*. http://www.english.vt.edu/%7Edubinsky/CPTSC_03/abstracts_03_g-m.htm. Potsdam: CPTSC.

Hart-Davidson, W. (2000). "Confessions of a Gardener: A Review of Information Ecologies." [extended book commentary] *Journal of Computer Documentation*, 24 (2, May), 79-84.

Hart-Davidson, W. (1997). Review. Feenberg, A. *Critical Theory of Technology*. In G. J. Alred (ed.), *The St. Martin's Bibliography of Business and Technical Communication*. p. 167. New York: St. Martin's Press.

Hart-Davidson, W. (1995). Review. Selfe, C. L., & Hilligoss, S. (eds.), *Literacy and computers: The complications of teaching and learning with technology*. (with Tim Peeples). *Technical Communication Quarterly* 4, 2, pp. 221-223.

Reviews & Minor Articles/ Non-Refereed

Hart-Davidson, W. (2003). "Community Voices: Bill Hart-Davidson." In Inman, J. *Computers & Writing: The Cyborg Era*. Mahwah, NJ: Lawrence Erlbaum Associates. 95, 96.

Hart-Davidson, W. (1996). "Calling all writing teachers? A "Pixelated Rhetorics" column. *Kairos* 1, 2. <http://english.ttu.edu/kairos/1.2/pixrhet/davidson.html>

Hart-Davidson, W. (1995). "What's dis' course about? Arguing computer-mediated communication into the writing classroom." *CMC Magazine* 2, 1. <http://sunsite.unc.edu/cmc/mag/1995/jan/hart.html>

Computer software or systems

WIDE Research Center. *Faciloscope*. (2014). Institute for Museum & Library Services Grant LG 25-10-0034-10.

Drawbridge LLC. *Eli Review*. (2011). Commercial Release. www.elireview.com
Original invention disclosure submitted to MSU Technologies. Hart-Davidson, W, Grabill Mcleod, M.

WIDE Research Center. *Eli*. (2009). Software for coordinating and evaluating writing review. Original invention disclosure submitted to MSU Technologies. Hart-Davidson, W, Grabill, J, Mcleod, M. www.elireview.com.

WIDE Research Center. *SWAP: Social Writing Application Platform* (2008). Original invention disclosure submitted to MSU Technologies. Hart-Davidson, W. 60%, Grabill, J. 40%.

WIDE Research Center. *The Literacy Resource Exchange*. (2006), <http://tne.wide.msu.edu>. This system allows teachers to share teaching materials – syllabi, lesson plans, etc. – while making the links between specific sections of these materials and teacher knowledge standards explicit. The system enacts theories of writing that view written genres as social action with recoverable traces of community knowledge and values embedded in the texts that are the physical instances of these genres.

WIDE Research Center. *Grassroots*. (2005). <http://grassroots.wide.msu.edu>. A Community-Based Tool for Making and Sharing Maps.

Hart-Davidson, W. *Lester 1.0*. (2004). A tool for making writing practices visible and intelligible. Flash-based demonstration of a method for visualizing writing activity as a series of linked communication events, permitting users to sort the resulting visualizations in various ways in order to reason about writing process and practices.

Hart-Davidson, W & Porter, Josh. *Transformation Writer*: An XML text-markup tool demonstration application

A product of the Quality Assurance Collaborative research project, this application was created as a proof-of-concept demonstration. The application allows users to prepare documents for dynamic transformation in accordance with guidelines specified by future readers or users of a document. Users do not have to know XML syntax in order to use the application, freeing them to make strategic decisions about the transformations they want to prepare the text to undergo.

Porter, J.E., Sullivan, P.A., & Johnson-Eilola, J. *Professional Writing Online* Online Professional Writing Textbook/Website. Allyn & Bacon, Publishers. Live release, January 2001. <http://www.abacon.com/pwo>
In addition to authoring original content for the site, my work on this project included early design and prototyping of the user interface and information architecture for the site and usability testing of the site. All of this work was done by contract agreement with the publisher and authors of the site: James E. Porter, Patricia A. Sullivan, and Johndan Johnson-Eilola.

External Research Grants Funded (does not include non-competitive contracts)

2016

Humanities Without Walls Consortium. Dilger, B., Staples, S., & Hart-Davidson, Co-PIs. CROW, the Corpus & Repository of Writing: A Platform for Collaborative Research and Professional Development in Writing Studies. MSU Subaward: \$48,918. Total

2014

Andrew W. Mellon Foundation. Long, PI; ; Rehberger, Co-PI, Hart-Davidson, Affiliated Faculty. *The Public Philosophy Journal*. \$549,000.

2010

Institute for Museum & Library Services Grabill, J. PI; Hart-Davidson, Co-PI: Facilitating Learning in Digital Museum Environments. IMLS. 2010-2013, \$686,422

2008

Archive 2.0: Imagining The Michigan State University Israelite Samaritan Scroll Collection as the Foundation for a Thriving Social Network
\$33,327 Funding Agency: National Endowment for the Humanities Digital Startup Grant
Co-PI: Jim Ridolfo

2007

Vulnerable Medicaid Population Assessment
\$713,369 Funding Agency: Medicare
Hart-Davidson, Co-Pi 40% Effort through 9/30 2008
Corresponding PI: Lori Post, CAS

Take 2: A Study of the Co-Creation of Knowledge on Museum Web 2.0 Websites
\$593,965.00 Funding Agency: Institute for Museum & Library Services
Hart-Davidson, Co-PI 5% Effort through 9/30 2010
Corresponding PI: Jeff Grabill, WIDE Research Center

2006

TNE Phase 3: Literacy Resource Exchange Testing, Expansion of Resource Hub Capacity
Sub-Contract on TNE Grant from The Carnegie Foundation of New York
\$36,500 awarded June 2006.
Co-PI: Jim Porter

Building an Online Information Resource: the Resource Hub for the Teacher Knowledge Standards (Phase 2)

Sub-Contract on TNE Grant from The Carnegie Foundation of New York
\$27,000 awarded June 2006.
Co-PI: Jim Porter

2005

Teachers for a New Era Study of The Role of Standards in The Intellectual Work of Teaching (Phase 1)

\$13, 650
Sub-Contract on TNE Grant from The Carnegie Foundation of New York
Co-PI: Jim Porter

Modeling Communicative and Mediatlional Work in Proposal Writing: A Multisite Participatory Study

Society for Technical Communication Research Grant Competition Finalist
\$10,000 awarded October 2005
Co-PIs: Clay Spinuzzi, University of Texas, Austin; Mark Zachry, University of Washington

2004

Visualizing Composition. NCTE Research Initiative Grant

\$5,000, awarded August 2004
Co-PIs: Jeff Grabill & Julie Lindquist

Rensselaer Polytechnic Institute

The Quality Assurance Collaborative: Portfolios Across the Curriculum

Co-PI Karen Lefevre, William Hart-Davidson. Submitted to the Pew Charitable Trusts.
Amount requested: \$100, 000 over 36 months. Grant to pilot an electronic portfolio project for outcomes-based assessment of student learning. Awarded September, 2000.

Purdue University

“Fostering Critical Inquiry of Network-Based Writing Instruction: An Action-Oriented Study of Inservice Teacher Training” Dissertation Research Grant, Purdue Research Foundation.
12 month (renewable) competitive award at \$11, 666/yr. Awarded June, 1997 – June 1999.

Patents & Filings

Hart-Davidson, W., Grabill, J., & McLeod, M. (2011). *Systems & Methods for Tracking & Evaluating Review Tasks*. Patent application #13/045,632. Publication # US 2011/0225203 A1.

Hart-Davidson, W., Grabill, J., & McLeod, M. (2011). *Social Writing Application Platform*. Patent Application #13/045,644. Publication #US 2011/0225241 A1

Awards

2016

Fellow of the Association of Teachers of Technical Communication. This award recognizes career contributions and leadership in the field of technical communication.

Computers & Composition Distinguished Book Award, given to the outstanding book published in the previous year. Awarded to *Rhetoric & the Digital Humanities*, Ridolfo & Hart-Davidson (Eds.).

2015

Conference on College Composition and Communication Technology Innovator Award. Awarded to the WIDE Research Center. (Grabill, Hart-Davidson, Potts).

2013

National Council of Teachers of English Award for Best Article Reporting Qualitative or Quantitative Research in Technical or Scientific Communication

2006

Community & Economic Development (MSU) Award for Outstanding Scholarship in Community & Economic Development. Awarded to the WIDE research center (Grabill & Hart-Davidson).

Visiting Researcher “Knowledge Communication & Digital Writing,” Aarhus School of Business, Aarhus, Denmark May-June, 2006.

Presentations

Keynotes and Featured Lectures

Hart-Davidson, W. & Meeks, M. (2016). University of Rhode Island, Department of Writing and Rhetoric.

Hart-Davidson, W. (2016). Rhetoric (and Writing) in the Age of Robots. Hutton Lecture Series Alumni Speaker, Purdue University Department of English. West Lafayette, IN.

Hart-Davidson, W. (2016). Supporting the Knowledge Work of Peer Learning with Eli Review. University of Texas at Austin, Department of Rhetoric & Writing.

Hart-Davidson, W. (2016). Building a Culture of Feedback in Your Organization. National Webinar. Society of Technical Communication, May 10, 2016.

Hart-Davidson, W. (2016). Writing Solutions to Grand Challenges. Keynote Speaker for Adaptive Challenges Conference, Colorado State University

Hart-Davidson, W. (2015). Creating & Sustaining Peer Learning Technology: The Case of Eli Review. University of Michigan: Teaching and Technology Interdisciplinary Workshop. Ann Arbor, MI. October 30.

Hart-Davidson, W. (2014). Locating Topoi : Visualizing Available Means. Invited lecture for Penn State University College of Liberal Arts.

Hart-Davidson, W. (2014). Patient-Centered Research: Trends & Opportunities for UX in Health Care.

Keynote Address for Regional Health Literacy Coalition Annual Meeting, Pittsburgh, PA.
Hart-Davidson, W. (April, 2013). Digital Humanities: Rhetoric & Writing :: A Vision of Digital Humanities as Engaged Scholarship. Elon University. Campus Digital Humanities Initiative.

Hart-Davidson, W. (May, 2013). Many-to-Many: Networks, Peer Learning, & the Long Arc of Learning to Write. 05-08-2013. Washington State University, Composing the New Classroom Speaker Series.

Hart-Davidson, W. Are Common Topics Common? Rhetorical Questions and Computational Methods. 09-13-2013. Virginia Tech University, Invited by Dept. of English at VT .

Hart-Davidson, W. Evaluating User Experience for mHealth Services: A Pre-Rollout Case Study. 11-14-2013. World Usability Day, Michigan State University (Plenary talk).

Grabill, J. & Hart-Davidson, W. “In a world where computation is ubiquitous, writing matters.” Emerging Media “Digital Feed” Lecture Series, Ball State University. 5/19/2012.

Hart-Davidson, W. "Available Means: Creating Ways for Technical Communication Researchers to Make Positive Interventions in Public Health." University of Idaho, Department of English 2013 Kurt Olssen Lecture. 5/11/2012.

Hart-Davidson, W. "Available Means: Creating Ways for Technical Communication Researchers to Make Positive Interventions in Public Health." Iowa State University, Department of English. 2/8/2012.

Grabill, J., Hart-Davidson, W. & Pigg, S. (2010). "WIDE.open.spaces." CPACW/CT3 Conference, North Dakota State University, Fargo, ND.

Hart-Davidson, W. (2006). "Can We See How Texts Arise? Visualizing Communication Events to Understand the Sequential and Contrastive Influences of Genre on Textual Ontogenesis." 360 Conference: Encompassing the Instructive Text. Aarhus School of Business, Aarhus, Denmark.

Grabill, J. and Hart-Davidson, W. (2006). "Writing and/as knowledge work in the information economy." Keynote presentation at the Canadian Association of Teachers of Technical Writing Conference, York University, Toronto, Ontario.

Hart-Davidson, W. (2006). "What is the role of English studies in the "knowledge economy"?" Keynote presentation at the Michigan College English Association, Michigan State University, East Lansing, MI.

Invited Workshops

Hart-Davidson, W. & Meeks, M. (2016). Evidence Based Teaching & Learning with Eli Review. Full Day Workshop. Department of Rhetoric & Writing and Writing in the Disciplines Program.

Hart-Davidson, W. & Omizo, R. (2016). A Gentle Introduction to Coding in the Digital Humanities. (3 and ½ days). Lafayette College, Easton, PA.

Hart-Davidson, W. & Ryan Omizo. (2016). Computational Rhetorics: Crossing Computer Assistive Analysis and Computers and Writing Research. Computers and Writing 2016 Conference. Rochester, NY.

Hart-Davidson, W. & Omizo, R. (2015). Analyzing Large-Scale Datasets in Writing Studies. Association of Teachers of Technical Writing Conference. Tampa, FL. (One Full Day). <http://attw.org/node/188622>

Hart-Davidson, W. & Omizo, R. (2015). Building Software: Modeling Theoretical Approaches to Technical and Professional Writing with Computational Methods. Rhetoric Society of America Summer Institute. Madison, WI. (Three Full Days). http://associationdatabase.com/aws/RSA/pt/sd/news_article/89421/blank/layout_details/false#st.ash.lfEkWMFF.dpuf

Hart-Davidson, W. (2015). Enterprise Learning: Building a UX Strategy for Users as Learners. Salesforce.com, North American UX Team. Indianapolis, IN. (One Full Day)

Hart-Davidson, W. (May, 2013). Changing Modes to Focus on the Moves: Multimodal Writing and Outcomes-Based Evaluation of Communication Learning Goals. Washington State University, Composing the New Classroom Workshop Series (Full Day).

Grabill, J. & Hart-Davidson, W. (2010). Getting Serious about Social Media: Starting a Conversation about Writing Programs & Lifelong Learning in Writing. Council of Writing Program Administrators Conference. Philadelphia, PA.

National Academic and Professional Conferences

- Hart-Davidson, W. & Ridolfo, J. (2016). Supersession: Rhetoric & the Digital Humanities. *Rhetoric Society of America Conference*. Atlanta, GA.
- Hart-Davidson, W. (2016). Small Rhetoric & Machine Learning. *Rhetoric Society of America Conference*. Atlanta, GA.
- Eyman, D., Warnick, Q., Devoss, D., Haas, A., Smyser-Fauble, B., Hitt, A., Belli, J., Sierra, W., & Hart-Davidson, W. (2016). Townhall: Computers & ... Professional and Technical Writing. Computers and Writing 2016 Conference. Rochester, NY.
- Hart-Davidson, W. (2016). What is a Learning Technology? And How Do We Know One When We See One? *Conference on College Composition and Communication*. Houston, TX.
- Hart-Davidson, W. (2015). The Power of Peer Learning. CCCC Ignite Showcase. *Conference on College Composition and Communication*, 2015. Tampa, FL.
- Hart-Davidson, W. (2015). run_progymnasmata: What Should We Teach When We Teach Machines Rhetoric? *Indiana Digital Rhetoric Symposium*. Bloomington, IN.
- Hart-Davidson, W. (2015). Reframing the Debate about Educational Technology: Value-Sensitive Design as a Guiding Framework. *Network Detroit Conference*. Lawrence Technological University. Southfield, MI.
- Fisher, M., Long, C.P., Klotz, K., Rehberger, D., & Hart-Davidson, W. (2014). Designing Collaboration and Pedagogy into a Network for Digital Scholarship and Public Deliberation. *Bucknell Digital Scholarship Conference*, Lewisburg, PA.
- Hart-Davidson, W. (March, 2014). Eli & Evidence-Based Teaching: A Response to Digitally-Mediated Peer Review in Multimodal Composition Courses: Implications for Writing Pedagogies. *Conference on College Composition and Communication, Indianapolis, IN*.
- Hart-Davidson, W. (March, 2014). Making A Nuanced Evidence-Based Argument Against Machine Scoring of Student Writing. *Conference on College Composition and Communication, Indianapolis, IN*.
- Hart-Davidson, W. (March, 2014). Otra Vez: A Case for Studying Systematic Reuse Using Computational Analysis. *Association for Teachers of Technical Writing Convention*. Indianapolis, IN.
- Hart-Davidson, W. (2013). Social Media and Mobile Health: Creating Writing-Based Interventions to Improve Patient Outcomes. *Conference on College Composition and Communication*, Las Vegas, NV.
- Hart-Davidson, W. (2013). Massive + Open: Advantages of Peer Learning and a Many-to-Many Learning Model for Technical & Professional Communication. *Association of Teachers of Technical Writing Convention*, Las Vegas, NV.
- Hart-Davidson, W. (2013). What are the Work Processes of Technical Communication? *Conference on College Composition and Communication*, Las Vegas, NV.
- Hart-Davidson, W. (2013). (Respondent) The Invisible Made Visible: Web 2.0 and Peer-Conferencing in Writing Courses. 03-15-2013. Conference on College Composition and Communication, Las Vegas, NV.
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Hart-Davidson, W. & Krause, Steven. (2013). "The Free Conference Kit" How to Start, Promote, Organize, and Run a Local Academic Conference for (Almost) Nothing Using Web 2.0 Tools. 06-08-2013. Computers and Writing Conference, Frostburg MD.

Omizo, R., & Hart-Davidson, R. (2013). Computational Rhetoric: An Invitation to the Laboratory. 06-08-2013. Computers and Writing Conference, Frostburg MD.

Omizo, R. & Hart-Davidson, W. (2013). Topoi Modeling with Graph Theory: Experiments in Computational Rhetoric. 07-19-2013. DH 2013 (Digital Humanities International Conference), Lincoln NE.

Ridolfo, J. & Hart-Davidson, W. (2012). "Digital archives as rhetoric: Emerging opportunities for research and design." Modern Language Association Convention , Seattle, WA. 1/7/2012.

Hart-Davidson, W. (2012). "Creating feedback loops to increase situational awareness and enhance public health outcomes." Association of Teachers of Technical Writing Conference . St. Louis, MO. 3/21/2012.

Hart-Davidson, W. & Ridolfo, J. (2012). "Measuring Rhetorical Velocity." Conference on College Composition and Communication Annual Convention . St. Louis, MO. 3/24/2012.

Grabill, J., Hart-Davidson, W. & McLeod, M. (2012). "Let's Review: Design & Results of a Large-Scale Study of the Relationship Between Peer Review Quality and Writing Improvement." Computers & Writing 2012 . North Carolina State University, Raleigh, NC. 5/19/2012.

Gold, M.K., Gossett, K., Stolley, K., Sauer, G., Potts, L.K., Hart-Davidson, W., & Rehberger, D. (2012). "Yes, we are digital humanists." *Computers & Writing* 2012 . North Carolina State University, Raleigh, NC. 5/19/2012.

Hart-Davidson, W. (2012). "Compelling questions for content management." Center for Information Development Management Best Practices Conference 2012. Monterey, CA. 9/10/2012.

Tegtmeyer, R., Potts, L.K., & Hart-Davidson, W. (2012). "Tracing and responding to foodborne illness." Poster session. ACM Special Interest Group for Design of Communication Conference 2012 . Seattle, WA. 10/3/2012.

Hart-Davidson, W., Spinuzzi, C., & Zachry, M. (2012). "Activity streams: Building context to support writing activity in collaborative teams." ACM Special Interest Group for Design of Communication Conference 2012 . Seattle, WA. 10/3/2012.

Sackey, D.J., Harder, J., & Hart-Davidson, W. (2011). "Content Ecologies: Exploring Sustainability Strategies for Participatory Culture" 2011 International Professional Communication Conference. Cincinnati, OH.

Hart-Davidson, W. (2011). "A theory of sustainable rhetorical objects." ATTW 2011 Conference. Atlanta, GA.

Hart-Davidson, W. (2011). "The Samaritan Archive 2.0 Project: Implications for Writing & Rhetoric Scholars." Featured Session. CCC 2011 Conference. Atlanta Georgia.

Hart-Davidson, W. (2011). "Workstreaming." Computers & Writing 2011 . Ann Arbor, MI.

Grabill, J.T., Hart-Davidson, W., & McLeod, M. (2011). "A Review- Centered Writing Course:

Exploring a Shift to Review as the Primary Location for Learning in the Writing Classroom" Computers & Writing 2011 . Ann Arbor, MI.

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- Hart-Davidson, W. (2011). "Using Mini Reviews to Drive Evidence Based Teaching." WIDEEMU regional conference on digital writing. Ypsilanti, MI.
- Ridolfo, J., & Hart-Davidson, W. (2011). "The Samaritan Archive 2.0 Project Tailoring the digital archive to the needs of cultural and community stakeholders." Museum Computer Networks International Conference . Atlanta, GA.
- Bernardo, T., Hart-Davidson, W., Sullivan, M., & Rehberger, D. (2011). "Building 21st Century Resilience Through Creative Engagement and Technology " 2011 National Outreach Scholarship Conference. East Lansing, MI.
- Hart-Davidson. (2010). "Can Gaming Environments Enhance Literacy Learning?" Computers and Writing 2010. Purdue University, West Lafayette, IN.
- Hart-Davidson, W. (2010). "What is a Review? Modeling Writing Review as a Learnable Activity in a Web 2.0 System." Computers and Writing 2010. Purdue University, West Lafayette, IN.
- Hart-Davidson W. (2009). "Imagining the Michigan State University Israelite Samaritan Collection as the Foundation for a Thriving Social Network." European Conference on Digital Libraries, 2009. Corfu, Greece.
- Hart-Davidson, W. (2009). "Rethinking a Writing Program: Creating Workplace Writing Environments with Learning in Mind." CCCC, San Francisco, CA.
- Hart-Davidson, W. (2008). "Chains & Ecologies: Complementary Depictions of Literate Activity." ISCAR 2008, San Diego, CA.
- Hart-Davidson, W. (2008). "Designing SWAP: the Social Writing Application Platform." Association of Teachers of Technical Writing Annual Conference. New Orleans, LA.
- Hart-Davidson, W., Spinuzzi, C. J., & Zachry, M. (2007). "Capturing & Visualizing Knowledge Work: Results & Implications of a Pilot Study of Proposal Writing Activity." 25th ACM International Conference on Design of Communication. El Paso, TX.
- Hart-Davidson, W. (2007). "Participatory Design: From Political Statement to Business Model" 54th Annual Convention of the Society for Technical Communication. Minneapolis, MN.
- Devoss, D. , Hart-Davidson, W., Pigg, S., & Walls, D. (2007). "Net Results: Designing and Evaluating Digital and Social Infrastructure for Composing." Computers and Writing 2007 Conference, Detroit, MI.
- Hart-Davidson, W. (2007). " Using Time-Use Diaries to Study the Composing Process." Conference on College Composition and Communication Annual Convention. New York, NY.
- Hart-Davidson, W. (2006) "Visualizing Technical Communication as Distributed Work." Association of Teachers of Technical Communication Conference. Chicago, IL.
- Hart-Davidson, W. (2006). "An Alternative to Task-Based Representations of Knowledge Work." Association of Teachers of Technical Writing Conference. March. San Francisco, CA.
- Hart-Davidson, W. "Access & Success: Adopting and Adapting Content Management Systems for Use in Writing Programs" Conference on College Composition and Communication Annual Convention. March, 2005. San Francisco, CA.
- Grabill, J., Hart-Davidson, W., & Lindquist, J. "Visualizing Composition: Project Update." Conference on College Composition and Communication Annual Convention. March, 2005. San Francisco, CA.
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- Hart-Davidson, W. "Modeling Documents Based on User Performance: An Alternative to Author Intention and a priori Information Model Approaches." Association for Computing in the Humanities/Association for Literary & Linguistic Computing Joint Conference. June, 2005. Victoria, BC, Canada.
- Grabill, J., Lindquist, J., & Hart-Davidson, W. "Understanding Writing as the Coordination of Technological and Cultural Activities." Writing Research in the Making: An Interdisciplinary Conference. Santa Barbara, CA. February, 2005.
- Hart-Davidson, W., Grabill, J., & Lindquist, J. (2004). "Visualizing Composition." CCC Research Initiative Workshop. National Council of Teachers of English Annual Convention. Indianapolis, IN. November, 2004.
- Hart-Davidson, W. "Reconsidering the basics of technical writing: What are the basic units of a quality writing project?" Annual Meeting of the Council of Programs in Technical and Scientific Communication. West Lafayette, IN. October, 2004.
- Hart-Davidson, W. "Research and Requirements for Lester 1.0: A System for Making Writing Practices Visible and Intelligible." Computers & Writing 2004. Honolulu, HI. June, 2004.
- Hart-Davidson, W., Krause, S.D., & Benninghoff, S. "The Role of Multimedia Technologies in Writing Classes: Or, Do you have to teach 'writing' to teach writing?" Computers & Writing 2004. Honolulu, HI. June, 2004.
- Hart-Davidson, W., Krause, S.D., & Benninghoff, S. "Integrating Global & Local Control: A Workshop on Cascading Style Sheets for Composition Teachers Who Want to Create Consistent Web Sites or Use a Concrete Web Example to Teach a Rhetorical Approach to Style." Half-Day Workshop. Computers & Writing 2004. Honolulu, HI. June, 2004.
- Zappen, J., Hart-Davidson, W., & Halloran, S.M. "On the Formation of Democratic Citizens: Rethinking the Rhetorical Tradition in a Digital Age." Rhetoric Society of America 11th Biennial Conference. Austin, TX. May, 2004.
- Hart-Davidson, W. "Seeing the project: Mapping patterns of intra-team communication events." Concurrent session at SIGDOC 2003: 21st Annual International Conference on Documentation. San Francisco, CA. October, 2003.
- Hart-Davidson, W. "Borders? What borders? Documents are interfaces." Position paper delivered at Council of Programs in Technical and Scientific Communication Annual Meeting. Potsdam, NY. October, 2003.
- Hart-Davidson, W. "Assessing Interaction." Concurrent session at Association of Teachers of Technical Writing Annual Convention. New York, NY. March, 2003.
- Krause, S., Hart-Davidson, W., Nellen, T., Benninghoff, S., Rice, R., Day, M., Rehberger, D. "Web Design for Composers: A Workshop for Teachers of Writing." Half-day workshop session at the Conference on College Composition and Communication Annual Convention. New York, NY. March 2003. <http://matrix.msu.edu/~comp/home2.html>
- Hart-Davidson, W. "Modeling document-mediated interaction." Concurrent session at the ACM SigDoc 2002 Conference. Toronto, Ontario. October, 2002.
- Aragones, A., & Hart-Davidson, W. "Why, when, and how do users customize web portals?" Concurrent session at the International Professional Communication Conference. Portland, OR. September, 2002.
- Hart-Davidson, W., & Williams, A. "Modeling document structures
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in use: Capturing reflections of user performances." Concurrent session at the International Professional Communication Conference. Portland, OR. September, 2002

"Turning reflections into technology: Leveraging theory and research in the design of communication software. Concurrent session at the International Professional Communication Conference. Portland, OR. September, 2002

"Supporting the practices of writing assessment with an XML object model for electronic portfolios." Concurrent session at Conference on College Composition and Communication Annual Convention. Chicago, IL. March, 2002.

"Using activity analysis to study invention at the point of delivery." Short paper and demonstration for IText Special Interest Group at Conference on College Composition and Communication Annual Convention. Chicago, IL. March, 2002.

Hart-Davidson, W. and Grice, R. "Extending the Dimensions of Education: Designing, Developing, and Delivering Effective Distance Education Classes." Concurrent session at International Professional Communication Conference. Santa Fe, NM, October, 2001.

"Designing a Master's Level Graduate Program in Technical Communication." Panelist for Roundtable Session at International Professional Communication Conference. Santa Fe, NM, October, 2001. Panel Coordinator: Muriel Zimmerman.

"Computers & Writing : Rewriting our Disciplinary Source Code?" Concurrent Session at International Computers & Writing Conference. Muncie, IN. May, 2001.

"Technical Communication Theory: Implications & Applications." Concurrent Session at Society for Technical Communication Annual Convention. Chicago, IL. May, 2001

Hart-Davidson, W., Porter, J., and Moore, V. "Modeling Flexible Document Structures with XML Schema: Rhetorical Objects and Rhetorical Metadata" Paper and demonstration for "Bleeding Edge Technology Session" at Society for Technical Communication Annual Convention. Chicago, IL. May, 2001.

"XML and Rhetorical Web Sites: Coding Audience , Context, and Purpose." Concurrent session at Conference on College Composition and Communication Annual Convention. Denver, CO. March, 2001.

"Reviewing a technical communication PhD program: Forging new workplace/academy connections with user-centered design and HCI." Concurrent session at Association of Teachers of Technical Writing Annual Conference. Denver, CO. March, 2001.

"Writing Specialists & Deskillling: Can We Claim the Status of Knowledge Workers in Information Technology Intensive Workplaces," Concurrent Session at The Watson Conference on Rhetoric and Composition. Louisville, KY. September, 2000.

"From Wiener to Feenberg: Reexamining Theoretical Foundations for Technical Communication." Concurrent Session at Conference on College Composition & Communication Annual Convention. Minneapolis, MN, April 2000.

"Beyond the GPA: A Report from the Quality Assurance Collaborative." Concurrent Session at American Association of Colleges & Universities National Convention. Washington D.C., January 2000.

"Integrating network writing technologies into the business writing curriculum: Some programmatic considerations." Concurrent Session at Association for Business Communication National Conference. Washington, D.C., November 1997.

“‘We’re just writing teachers...’ Articulating an agenda for the design of writing technologies.” Concurrent Session at Conference on College Composition and Communication Annual Convention. Phoenix, March 1997.

“What research on workplace writing tells us about document production: Arguments for networked case simulations in the business writing classroom.” Concurrent Session at Association for Business Communication National Conference. Chicago, November 1996.

“Defining our commitments to teaching visual representation in the professional writing class.” Concurrent Session at Canada/East/Midwest Association for Business Communication Conference. Toronto, April 1996.

Hart-Davidson, W. & Peeples, T. “Sites of/as authority: Critique and (re)construction of “expertise” in writing. Concurrent Session at The Penn State Conference on Rhetoric and Composition. State College, PA, July 1995.

“Itching for change: The need to review the first year (dis)course in writing.” Concurrent Session at Conference on College Composition and Communication Annual Convention. Washington, D.C., March 1995.

“So what? Implications of research in computer-based writing for composition classes.” Computers and Writing Conference. Columbia, MO, May 1994.

Davidson, W., Clark, J., and Doherty, M. Jr. “Cyberwrite: Implications and applications of virtual discourse for the composition classroom.” Conference on College Composition and Communication Annual Convention. Nashville, March 1994.

“Writing center or identity construction center? The benefits of being a postmodern service facility.” National Conference on Peer Tutoring in Writing. Grand Rapids, MI, November 1993.

Vivrett, C. & Davidson, W. “Juggling 101: Juggling for the peer tutor.” (a critique of competency-based assessment using juggling as a comparative skill). East-Central Writing Centers Association Conference. Muncie, IN, March 1993.

Invited Lectures & Presentations

Hart-Davidson, W. (2007). The Habits of Effective Proposal Writing Teams: Visualizing Work Practices for a High-Stakes Genre. Presentation at the Southeast Michigan Chapter Meeting of the Society for Technical Communication, TechSmith Corporation, Okemos, MI.

Hart-Davidson, W. (2006). Web 2.0: What technical communicators should know as users become content producers. Presentation at the Southeast Michigan Chapter of the Society for Technical Communication, Eastern Michigan University, Livonia, MI.

WIDE Research Center. (2006). “Interactivity, design and implementation of organizational web writing.” Presented at the MSU Extension 2006 Conference: *Bold Designs for a Better Future*.

“Moving Beyond ‘Using to Do’: Broadening the Mandate for Usability Professionals to Include Lifestyle Interfaces.” Usability and Accessibility Conference. Michigan State University. October, 27, 2004.

“Electronic Portfolios & Outcomes-Based Assessment: A Case Study in Building an XML Object-Model for Decision Support” Clarkson University, Kodak Center for Excellence in Communication. Wednesday, April 24, 2002.

“A Rhetorical Internet? Looking beyond the Semantic Web”

Rensselaer at Hartford, Invited Lecture in Dept. of Computer Science Seminar Series. Friday, February 16, 2001.

“Questions about Digital Portfolios and Assessment.” Summary report for the Quality Assurance Collaborative, Babson College, October 26, 2000.

“Moving Rensselaer Beyond the GPA” Presentation to the H&SS Dean’s Advisory Council on the Quality Assurance Collaborative and the Future of Electronic Portfolios on the Rensselaer Campus, January 3, 2000.

“Teacher Subjectivity and a Crisis of Expertise in Networked Environments.” Purdue Research Foundation Lecture for the faculty of the Dept. of English, Purdue University, Spring 1999.

Teaching Experience

(courses with a *(D)* taught at a distance as well as on-campus)

Michigan State University East Lansing, MI 2004-present.

Assistant Professor, Department of Writing, Rhetoric, and American Cultures

MSU Courses Taught

AL 375 Information Architecture	Fall 2016
WRA 491 Medical Rhetoric and Science Writing	Spring 2016
WRA 410 Advanced Web Authoring	Spring 2013, 2017
WRA 110 Writing: Science & Technology	Summer 2012
AL 881 Teaching with Technology	Summer 2011
WRA 482 Information & Interaction Design	Fall 2010, 2012, 2014
AL 885 Research Colloquium	Fall 2009, 2011, 2015
BUS 491 Special Topics in Business: Communicating to Build Relationships 491a, Propose 491b, & Report 491c	Spring 2009
WRA 202 Introduction to Professional Writing	Fall 2008
WRA 150 Evolution of American Thought	Fall 2008
WRA 833 Composition Pedagogies	Final 8 weeks of Fall 2008
WRA 870 Research Methods in Rhetoric & Writing	Spring, 2008, 2009
UGS 101 Undergraduate Seminar (w/ Dave Sheridan & Janet Swenson)	Fall, 2007, 2008
CAS 892 Developing a Funded Research Program (w/ Lori Post)	Summer, 2007
AL 841 Theory & Research in Professional Writing	Spring, 2007, 2011
WRA 210 Introduction to Web Authoring	Fall, 2006, 2007
	Spring 2011, 2014
AL 885 Research Colloquium	Fall, 2006
WRA 491 Information and Interaction Design	Fall, 2005
WRA 420 Advanced Technical Writing	Spring, 2005, 2006, 2009
WRA 320 Technical Writing	Fall, 2004, 2009,
	Spring 2015
WRA 453 Grant & Proposal Writing	Fall, 2004, 2005

Rensselaer Polytechnic Institute Troy, NY 1999-2004.

Assistant Professor, Department of Language, Literature, & Communication

COMM 6810 Studio Design in HCI (<i>D</i>)	Spring 2004
WRIT 4961 Advanced Content Development for the WWW (<i>D</i>)	Fall 2003
COMM 6960 Theory & Research in Tech Comm & HCI	Fall 2003
WRIT 2510 Writing to the World Wide Web	Spring 2003
COMM 6750 Communication Design for the World Wide Web (<i>D</i>)	Fall 2002
WRIT 4961 Advanced Content Development for the WWW	Fall 2002
COMM 6960 Theory & Research in Tech Comm & HCI (<i>D</i>)	Spring 2002
ITEC 4961 Information Technology Capstone Experience	Fall 2001

WRIT 4961 Advanced Content Development for the WWW (D)	Fall 2001
COMM 6810 Studio Design in HCI (D)	Spring 2001
COMM 2962 Creating Electronic Portfolios	Spring 2001
COMM 6750 Communication Design for the World Wide Web (D)	Fall 2000
WRIT 4960 Advanced Content Development for the WWW	Fall 2000
COMM 6962 Technical Communication Theory & Research (D)	Spring 2000
WRIT 2510 Writing to the World Wide Web	Fall 1999

RPI Independent Studies Courses

Managing Dynamic Web Content, Fall 2003 (Matt Iacavone, M.S. TC/HCI)
 Analysis of Texts, Interaction, and Communication Spring, 2003 (Kofi Amponsah, Ph.D. student)
 Research in Communication Design, Spring, 2003 (Shaun Slattery, Ph.D. student)
 Analysis and Design of Web Content, Fall 2002 (Jackie Lutz, M.S. TC/HCI)
 Modeling Document Structures Through User Performance, Spring 2002 (Ashley Williams, Ph.D. student)
 User-centered design and online user communities, Spring 2002 (Mike Delprete M.S. Tech Comm./HCI)
 IT-Comm Research Capstone Project, Spring 2002 (Brian Leong, Skyla Loomis, Ryan Rossier)
 Rhetoric and Politics of Public Discourse, Fall 2001 Virginia Martin & Pat Nugent, Ph.D. students)
 Participatory Design, Fall 2001 (Kellie Carter, Ph.D. student)
 Readings in Visual Communication, Fall 2001 (Jessica DePalma, EMAC)
 Readings in Technical Communication & Database Design, Spring 2001 (Tiffany Winman, Ph.D. student)
 Readings in Technology and Culture, Spring 2001 (Jennifer Estava, Ph.D. student)
 Master's Project in Information Technology Spring, 2001 (Joshua Porter, MSIT w/ HCI app. area)
 Design & Analysis of Web Content, Fall 2000 (Joshua Porter, CS undergraduate)
 Researching Electronic Portfolios, Spring 2000 (Ray Lutzky, EMAC undergraduate)
 Critical Theory & Technology, Spring 2000 (Kellie Carter)
 New Media Studies, Spring 2000 (Christine Lapham)

Doctoral Student Committee Chair or Co-Chair

Michigan State University

Fisch-Ferguson, Jennifer (current; Prospectus defended, August 2016)

Hankerson, Shenika (PhD Awarded December 2016). *Journeys toward equity in composition: Cultivating successful writing experiences and outcomes for culturally and linguistically diverse students.*

Keller, Elizabeth (Ph.D. Awarded August 2014). *Inventing situated mentoring: A feminist rhetorical analysis of workplace culture.*

Johnson-Sackey, Donnie (Ph.D. Awarded August 2013). *The curious case of the Asian carp spatial performances and the making of an invasive species.*

Webb, Suzanne (Ph.D. Awarded December 2012). *The Inquiry Practices of Nonfiction Writers.*

Les Loncharich (Ph.D. Awarded May 2012). *Visual Composition in Everyday Life.*

Rivait, Jessica (Ph.D. Awarded August 2011). *Assembling Local Publics in the Digital Age.*

Douglas Walls (Ph.D. Awarded August 2011). *The "human" network: Digital, professional, and cultural access enacted.*

Martine Courant-Rife (Ph.D, awarded December 2008) *Rhetorical Invention in Copyright Imbued Environments.*

Rensselaer Polytechnic Institute

Maureen Murphy (Ph.D. Awarded August, 2004). *Examination of a Computer-Assisted Text Analysis Technology for Assessing Conceptual Change as Represented in Students' Natural Language Texts in the Composition Classroom.*

Huatong Sun (Ph.D. Awarded August, 2004). *Expanding the Scope of Localization: A Cultural Usability Perspective on Mobile Text Messaging Use in American and Chinese Context*

- Winner of Localization Research Centre (UK) Best Thesis Award, 9/2004
- Winner of NCTE Outstanding Dissertation in Technical Communication, 2/2005

Kellie Carter, (Ph.D. Awarded May, 2005). *User/Subjects and Using-to-Become" Toward a Critical Practice of Interaction Design.*

Liza Potts (Ph.D. Awarded December 2007)

Co-chair w/ June Deery

Building an Interdisciplinary Framework for Experience Design: The Use of Social Software in the Aftermath of the London Bombings

Doctoral Student Committee Member

Current

Erin Schaefer
 Victor Del Hierro
 Hannah Espinoza
 Katlyn Firestone
 Lauren Brentnell
 Heather Noel Turner
 Phil Bratta
 Rohit Mehta (College of Education)

Completed

Michigan State University

John Gagnon
 Jim Fredricksen
 Stewart Whittemore
 Kendra Matko
 Jay Steichmann
 Jim Ridolfo
 Stacey Pigg
 Shreelina Ghosh
 Mary Rosalez
 Phill Alexander
 Guiseppe Getto
 Matt Cox
 Shreelina Ghosh
 Jennifer Sano-Franchini
 Julie Platt
 Marilee Brooks-Gilles
 Lee Sherlock
 Matthew Novak

Lorelei Blackburn
Lehua Ledbetter

Rensselaer Polytechnic Institute

Jason Swartz
Johel Brown-Grant
Angela Eaton
Kevin Hunt
Ashley Williams
Sandy Rios
Jennifer Estava-Davis
Christine Lapham
Andreas Karatsolis
Mosumi Chatterjee
Debopriyo Roy
Michael Sharp
Shaun Slattery

M.A. Committee Chair

Michigan State University

Mike McLeod, M.A. awarded May, 2007
Casey Wright M.A. awarded May, 2007
Sue Webb M.A. awarded August, 2008
Donnie Johnson Sackey, M.A. awarded August 2009
Jeremy Harder, M.A. awarded August 2011
Lamiyah Bahrainwalah, M.A. awarded August 2011
James Jackson, M.A. awarded August 2013
Howard Fooksman, M.A. thesis defense scheduled for January 2017

M.A. Committee Member

Completed

Michigan State University

Cait Ryan
Rebecca Zantjer
Michael Wojcik
Douglas Schraufnagle
Elizabeth Keller
Chris Bell
John Castronova
Barbara Gerber
Alma Villanueva
Christina Tower
Grace Bernhardt
Amy Diehl
Lee Sherlock
Kristin Flory
Barbara Gerber
Jake McCarthy
Roberto Reyes
Katie Wittenauer

External Committee Member

Rensselaer Polytechnic Institute

Jeremy Vorhees (M.S. Architecture awarded August, 2002).

Michigan State University

Rohit Mehta (Ph.D. Educational Technology) Current.

Anne Heintz (Ph.D. Teacher Education awarded December 2011)
 Vishal Iyer (M.S. Digital Media, Art, & Technology awarded August, 2006)

Electronic Media, Arts, & Communication Undergraduate Capstone Mentor (RPI)

Danielle Sheffler (2003-04)
 Shannon Bauman (2001-02)
 Andrea Catenero (2001-02)
 Chuck Dollard (2001-02)
 Tom Patros (2001-02).
 Maureen Tedford (2001-02)
 Rocco Balsalmo (2002)

Purdue University West Lafayette, IN 1994-1999

Graduate Instructor, Department of English

English 502M, Teaching Business & Technical Writing	Spring 1998,
English 502B, Teaching Business Writing	Spring 1997, w/ Tim Krause
English 421d, Technical Writing -Distance Pilot	Spring 1998
English 421, Technical Writing	Spring 1997; Fall 1998
	Fall 1995; Spring 1996; Maymester
	1996; Fall 1996,
English 102 Introductory Composition II	Spring 1995
English 101c Introductory Composition I	Spring 1996
English 101, Introductory Composition I	Fall 1994

Bowling Green State University, Bowling Green OH 1993-94

Graduate Instructor, Department of English

English 111, Introductory Writing	Fall, 1993
English 112, Varieties of Writing	Spring, 1994

Graduate Assistant, Department of Academic Enhancement

*Student Support Services English 112 Seminar	Spring, 1992
<i>Graduate Tutor, Bowling Green State University Writing Lab</i>	

Industry/Academy Consulting

Salesforce.com. 2015. Enterprise Learning: Building a UX Strategy for Users as Learners. North American UX Team. Indianapolis, IN.

Motorola, Inc. 2009. How Writing is Changing with Mobile Technologies. Devoss, D., Rehberger, D., & Hart-Davidson, W. Schaumberg, IL.

McGraw-Hill 2009. Digital Learning Summit. Chicago, IL

McGraw-Hill 2008. Digital Learning Resources Design Retreat. Key West, FL.

Kendall-Hunt Publishing/Great River Technologies 2002-06. – launch of new business, Great River Technologies

Business Writing Program, University of Nevada - Las Vegas - Usability evaluation and curriculum assessment

NY State Dept. of Taxation and Finance Workshop – “Designing Effective Communication for the Web” October, 2001

IBM Faculty Partners Program — User-Centered Design: Interface Design & Evaluation IBM’s Silicon Valley Laboratory (SVL), Data Management User Technology Division

Leadership in Professional Organizations

Society for Technical Communication

Education and Research SIG, National co-chair August 2000 – May, 2001.

Association of Teachers of Technical Writing

Executive Committee At-Large Member (elected 2003, re-elected 2006)

Program Chair, 2008 ATTW Annual Conference, San Francisco, CA

Vice-President, 2011-12

President, 2012-2013

Immediate Past President, 2013-14

Interim Communications Director, 2015-16

ACM Special Interest Group on the Design of Communication

2007 Conference Co-Chair

HASTAC

2015 Conference Program Chair

Conference Program Committees

ATTW 2004-2015, 2008 (chair)

ACM SIGDOC 2004, 2005, 2006, 2007 *Co-chair, 2009-2012

CCCC

Computers & Writing

Digital Humanities Conference

Awards Committees

NCTE Best Dissertation in Technical Communication, 2005, 2014

NCTE Best Book in Technical Communication, 2010

NCTE Best Article Awards (3 categories) in Technical Communication 2009, 2013

SIGDOC Outstanding Student Paper 2014

Kairos Computers & Writing Technology Innovator Award, 2016

Memberships

ACM SIGDOC

Association of Teachers of Technical Writing

Conference on College Composition and Communication

National Council of Teachers of English

Society for Technical Communication

Scholarly Review

Journals (year of first review, year of most recent review, total reviews)

Kairos 1995-2013, 12

Technical Communication Quarterly (1999, 2014), 9

Technical Communication 2001-2015, 6

Journal of Business & Technical Communication (2005, 2012), 4

Written Communication (2009, 2014), 4

Computers and Composition (2002, 2015), 4

Journal of Technical Writing and Communication (2001, 2013), 3

Journal of Computer-Mediated Communication (2004, 2008), 2

College Composition and Communication (2007-2015), 2

Information Systems Journal (2013-2015), 2

Composition Forum (2016), 2

Composition Studies (2013), 1

Enculturation (2014), 1

Writing Program Administration (2014), 1

*PMLA (2016)***Editorial Boards***TC Library*. <http://tc.eserver.org>. Fall 2002-2005*Kairos: A Journal of Rhetoric, Technology, and Pedagogy*. 1995-present.**Conference Program Committees**

ACM SIGDOC 2003, 2004, 2005, 2006, 2007, 2010, 2011, 2012, 2014, 2015, 2016

ATTW 2005, 2006, 2007, 2008, 2009* (chair), 2010, 2011, 2012, 2013, 2014, 2017

CCCC 2004, 2007, 2010, 2011, 2012, 2013, 2014, 2016

Computers & Writing 2002, 2006, 2010, 2011, 2012, 2013, 2014, 2016

IEEE-PCS 2001, 2006, 2009, 2011

Digital Humanities 2011, 2013

Academic Publishers (Full Manuscripts)

Chicago UP 4

Southern Illinois UP 3

Greenwood 2

Routledge 2

MLA Press

Baywood

Parlor Press

Hackett Publishing

Utah State UP 2

WAC Clearinghouse 2

Federal Grant Review Panels

National Endowment for the Humanities – Office of Digital Humanities Digital Startup Grants

National Science Foundation – IT Research Grants

Social Sciences and Humanities Research Council (Canada)

Promotion and Tenure

Iowa State University, 2009, 2016

Elon University, 2009

University of Washington, 2010

University of California, San Diego, 2012

Georgia State University, 2013

University of South Florida, 2014

Arizona State University, 2014

University of Wisconsin-Milwaukee, 2014

Syracuse University, 2015

Oakland University, 2016

University of California, Davis 2016

West Virginia Univeristy, Davis

On-Site Program and Accrediting Reviews

College of the Marshall Islands, 2009

University of North Texas, College of Arts & Sciences 2015

External Consultant, Dept. of Technical Communication Chair Search 2015-16

University Leadership**Program/Department Level Committees (Writing, Rhetoric & American Cultures)**

Faculty Awards Nominating Committee, 2012-14

Employment & Equal Opportunity (Faculty Searches) Committees 2006,

Chaired Searches: 2009, 2011, 12, 2014, 2015

Advancement, Promotion & Tenure Committee, 2009-10, 2012-13

Ad-Hoc Elections Committee, Fall 2008
Merit Review Committee, 2005, 2008, 2010
Chair, MSU Dubai Writing Program Coordinator Search Committee, 2007
Rhetoric & Writing Graduate Advisory Committee, 2005-2012
 Program Assessment Subcommittee, 2009-10
Chair, Digital Rhetoric & Professional Writing Master's Program Review Committee, Fall 2007
Member, Professional Writing Undergraduate Major Advisory Committee, Fall 2007
Member, Ad-Hoc Committee for TLE Strategic Planning in WRAC, Fall 2007
Writing, Rhetoric & American Cultures Merit Review Committee, Spring 2006

College Level Committees (College of Arts & Letters)

Writing Center Director Review Committee, 2014
Humanities & Arts Research Grants review panel, 2011-2013
Chair, Digital Humanities Cluster Hire Search Committee, 2010
College Graduate Committee, 2011-2014
WRAC representative (elected) to College Advisory Council, August 2008-2011
Chair, Arts & Letters Information Technology Advisory Committee, August 2008-2010

University Level Committees (MSU)

Faculty & Organizational Development Advisory Board Member, 2015-present
Bargaining Team for Graduate Employee Union Contract Negotiations, 2014
Faculty Representative, Human Research Protection Programs Advisory Committee
Spring 2005-2012
Member, Social Sciences Institutional Review Board, Fall 2007- present
Communications and Computing Systems Advisory Committee Fall 2004-2009
 Chair, Computers in Writing Subcommittee
Strategic Visioning for Cyberinfrastructure, Computing, and Information Group, 2005

Institute Level Committees (RPI)

Institute Alcohol Policy and Safety Committee, Spring 2003.
Graduate IT Curriculum Committee, School of H&SS representative,
core-area: Human-Computer Interaction (Spring 2001 - present)

Department Level Committees (RPI)

Chair, Graduate Affairs Committee
Undergrad HCI Curriculum Committee (Fall 2002)
Ad-Hoc Committee on Writing Programs (Fall 2001-present)
M.S. Policy Committee (Fall, 2001 - present; Acting Chair, Fall 2002).
Doctoral Policy Committee (Fall 1999-present)
Graduate Financial Aid Committee (Fall 2001-Spring 2002).

Department-Level Committees (Purdue)

Professional Writing Search Committee, Department of English, Purdue University (elected)
Introductory Writing Committee Department of English, Purdue University (appointed)
Chair, Website Subcommittee
Advanced Writing Committee, Department of English, Purdue University (elected)
