

Gerry Stahl
 Associate Professor
 The *i*-School at Drexel
 College of Information Science & Technology
 Drexel University
 Philadelphia, PA, USA
Gerry@GerryStahl.net (email)
<http://GerryStahl.net> (web)

Education

	University of Colorado	
1996-99	Postdoctoral Research Fellow	
1993	Ph.D. in Computer Science	dissertation: "Interpretation in Design" certificate in cognitive science
1990	M.Sc. in Computer Science	exams in artificial intelligence (AI), theory of computation, programming languages
	Northwestern University	
1975	Ph.D. in Philosophy	dissertation: "Heidegger and Marx"
1971	M.A. in Philosophy	
	University of Frankfurt	
1973	Graduate study	critical social theory
	University of Heidelberg	
1968	Graduate study	continental philosophy
	Massachusetts Institute of Technology (MIT)	
1967	B.S. in Humanities & Science	mathematics & philosophy

Professional Experience

	Associate Professor with tenure
2008-present	College of Information Science & Technology, Drexel University, Philadelphia, PA
	Associate Professor
2002-2008	College of Information Science & Technology, Drexel University, Philadelphia, PA
	Visiting Research Scientist
2001-2002	BSCW Development Team, CSCW Department, GMD & Fraunhofer Institute Bonn, Germany
	Assistant Research Professor
1999-2001	Department of Computer Science and Institute of Cognitive Science, Boulder, CO
	Post Doctoral Research Fellow
1996-1999	Center for LifeLong Learning & Design, Boulder, CO
	Director of Software R&D
1993-1996	Owen Research Inc., Boulder, CO
	Graduate Research Assistant
1990-1993	College of Environmental Design, Boulder, CO
	Intern Interface Developer
1990-1991	US West Advanced Technology, Denver & Boulder, CO
	Computer Science Instructor & Teaching Assistant
1989-1990	University of Colorado, Boulder, CO
	Executive Director
1984-1989	Community Computerization Project, Philadelphia, PA
	Neighborhood Development Planner
1979-1984	Southwest Germantown Community Development Corporation, Philadelphia, PA
	Community Organizer & VISTA Supervisor
1978-1979	Philadelphia Council of Neighborhood Organizations, Philadelphia, PA
	Systems Programmer
1974-1977	Temple University, Philadelphia, PA
1970-1974	Northwestern University, Evanston, IL
1969-1970	Temple University, Philadelphia, PA
	Applications Programmer
Summer 1966	Brown Bovari Cie, Baden, Switzerland
Summer 1965	University of Pennsylvania, Philadelphia, PA

Funded Research at Drexel

- “DR K-12: Computer-Supported Math Discourse Among Teachers and Students.” Award xxx from the National Science Foundation Discovery Research K-12 (DR K-12) Program for \$1,800,000 over 5 years starting September 1, 2011. PI: Gerry Stahl; with Arthur Powell (Rutgers-Newark), Stephen Weimar (Math Forum), Jason Silverman (School of Education), Mick Khoo, Sean Goggins, Andrea Forte, Jennifer Rode. Proposal: <http://GerryStahl.net/publications/proposals/dr2011.pdf>.
- “Towards Optimization of Macrocognitive Processes: Automating Analysis of the Emergence of Leadership in Ad Hoc Teams.” Award N000141110221 from the Office of Naval Research Collaboration and Knowledge Interoperability (CKI) Program for \$909,029 over 3 years on May 17, 2011. PI: Carolyn Rosé (CMU); co-PIs: Gerry Stahl, Sean Goggins, Emily Patterson (Ohio State), Marcela Borge (Penn State), John Carroll (Penn State), Andrew Duchon (Aptima). Proposal: <http://GerryStahl.net/publications/proposals/onr2011.pdf>.
- “Theories and Models of Group Cognition.” Award N00014-10-1-0277 from the Office of Naval Research Collaboration and Knowledge Interoperability (CKI) Program for \$675,000 over 3 years starting November 12, 2009. PI: Gerry Stahl; co-PIs: Sean Goggins, Stephen Weimar and Carolyn Rosé (CMU). Project description: <http://GerryStahl.net/publications/proposals/onr2009.pdf>.
- “Dynamic Support for Virtual Math Teams.” Award DRL-0835383. Funded by the National Science Foundation Advanced Learning Technologies (ALT) Program for \$306,355 over 3 years starting August 1, 2009. PI: Gerry Stahl; co-PI: Stephen Weimar; Collaborative proposal with Carolyn Rosé (CMU). Project description: <http://GerryStahl.net/publications/proposals/alt2008.pdf>.
- “Exploring Adaptive Support for Virtual Math Teams.” Award DRL-0723580. Funded by the National Science Foundation Research and Evaluation on Education in Science and Engineering (REESE) Program for \$50,000 over 1 year on August 1, 2007. PI: Carolyn Rosé (CMU); consultant: Gerry Stahl. Project description: <http://GerryStahl.net/publications/proposals/reese2007c.pdf>.
- “Engaged Learning in Online Communities.” Award SBE-0518477. Funded by the National Science Foundation Science of Learning Center Catalyst Program for \$180,762 over 3 years on October 1, 2005. PI: Gerry Stahl; co-PIs: Sharon J Derry (Wisconsin); K. Ann Renninger (Swarthmore); Mary R Marlino (UCAR); Daniel D Suthers (Hawaii). Project description: <http://GerryStahl.net/publications/proposals/slc2005>.
- “IERI: Catalyzing & Nurturing Online Workgroups to Power Virtual Learning Communities.” Award IERI-0325447. Funded by the National Science Foundation IERI Program for \$2,300,00 over 5 years on September 1, 2003. PI: Gerry Stahl; co-PIs: Stephen Weimar and Wesley Shumar. Project description: <http://GerryStahl.net/publications/proposals/itr2003>.
- “Collaboration Services for the Math Forum Digital Library.” Award DUE-0333493. Funded by the National Science Foundation NSDL Services Program for \$450,000 over 3 years on August 15, 2003. PI: Gerry Stahl; co-PIs: Stephen Weimar and Wesley Shumar. Project description and proposal reviews: <http://GerryStahl.net/publications/proposals/nsdl2003>.

Grant Proposals at Drexel

- “Towards Optimization of Macrocognitive Processes: Automating Analysis of the Emergence of Leadership in Ad Hoc Teams.” Proposal to the Office of Naval Research Collaboration and Knowledge Interoperability (CKI) Program for \$909,029 over 3 years on February 10, 2011. PI: Carolyn Rosé (CMU); co-PIs: Gerry Stahl, Sean Goggins, Emily Patterson (Ohio State), Marcela Borge (Penn State), John Carroll (Penn State), Andrew Duchon (Aptima). Proposal: <http://GerryStahl.net/publications/proposals/onr2011.pdf>.
- “DR K-12: Computer-Supported Math Discourse Among Teachers and Students.” Proposal DRL-1118773 to the National Science Foundation Discovery Research K-12 (DR K-12) Program for \$3,500,000 over 5 years on January 6, 2011. PI: Gerry Stahl; co-PIs: Stephen Weimar, Jason Silverman, Mick Khoo, Sean Goggins; collaborative proposal with Rutgers, PI: Arthur Powell. <http://GerryStahl.net/publications/proposals/dr2011.pdf>.
- “DR K-12: Computer-Supported Math Discourse Among Teachers and Students.” Proposal DRL-1019723 to the National Science Foundation Discovery Research K-12 (DR K-12) Program for \$2,924,147 over 5 years on

- January 6, 2010. PI: Gerry Stahl; co-PIs: Stephen Weimar, Jason Silverman, Mick Khoo, Sean Goggins; collaborative proposal with Rutgers, PI: Arthur Powell. Proposal: <http://GerryStahl.net/publications/proposals/dr2010.pdf>.
- “DR K-12: Computer-Supported Math Cognition Through Shared Visualizations and Collaborative Discourse.” Pre-Proposal DRL-6952834 to the National Science Foundation Discovery Research K-12 (DR K-12) Program for \$2,924,147 over 5 years on October 5, 2009. PI: Gerry Stahl; co-PIs: Stephen Weimar, Jason Silverman, Mick Khoo, Sean Goggins; collaborative proposal with Rutgers, PI: Arthur Powell. Proposal: <http://GerryStahl.net/publications/proposals/dr2009.pdf>.
- “Theories and Models of Group Cognition.” Proposal to the Office of Naval Research Collaboration and Knowledge Interoperability (CKI) Program for \$675,000 over 3 years on October 1, 2009. PI: Gerry Stahl; co-PIs: Sean Goggins, Stephen Weimar and Carolyn Rosé (CMU). Proposal: <http://GerryStahl.net/publications/proposals/onr2009.pdf>.
- “Collaborative Knowledge Work in Social-Computational Systems.” Proposal 6952103 to the National Science Foundation SES – Science, Technology and Society (SES) Program for \$747,599 over 3 years on September 21, 2009. PI: Michael Khoo; co-PIs: Gerry Stahl, Eileen Abels, Sean Goggins, Jiexun Li. Proposal: <http://GerryStahl.net/publications/proposals/ses2009.pdf>.
- “Multidisciplinary Curriculum Improvement and Innovation Using Software Defined Radio.” Proposal to the National Science Foundation Course, Curriculum, and Laboratory Improvement (CCLI) Program (Phase I — Exploratory). Submitted for \$200,000 over 2 years on May 21, 2009. PI: Kapil Dandekar (Drexel ECE); co-PI: Gerry Stahl (Drexel).
- “Cyber-math: Developing mathematical reasoning through diverse collaborations.” Proposal to the National Science Foundation Research and Evaluation on Education in Science and Engineering (REESE) Program. Submitted for \$995,571 over 3 years on November 21, 2008. PI: Arthur Powell (Rutgers, Newark); co-PI: Gerry Stahl (Drexel). Proposal: <http://GerryStahl.net/publications/proposals/cybermathREESE2008.pdf>.
- “Dynamic Support for Virtual Math Teams.” Proposal 0835426 to the National Science Foundation Advanced Learning Technologies (ALT) Program for \$306,355 over 3 years on April 25, 2008. PI: Gerry Stahl; co-PI: Stephen Weimar; Collaborative proposal with Carolyn Rosé (CMU). Proposal: <http://GerryStahl.net/publications/proposals/alt2008.pdf>.
- “CDI-Type II: Social Computing and Data Mining in Support of Inquiry-based STEM Learning.” Preliminary proposal to the National Science Foundation Cyber-Enabled Discovery and Innovation (CDI) Program. Submitted for \$2,500,931 for 4 years on Jan. 1, 2008. PI: Xiaohua Hu; co-PIs: Gerry Stahl, Eileen Abels, Yuan An, Stephen Weimar.
- “CDI-Type I: Building a world of math discourse using a mix of platforms.” Preliminary proposal to the National Science Foundation Cyber-Enabled Discovery and Innovation (CDI) Program. Submitted for \$797,303 over 3 years on Jan. 8, 2008. PI: Werner Krandick (Department of Computer Science, Drexel University); co-PI: Gerry Stahl (IST, Drexel).
- “DR-K12 R&D: STEM Inquiry Learning in the Internet Public Library and the Math Forum Model.” Proposal to the National Science Foundation Discovery Research K-12 (DR K12) Program. Submitted for \$2,160,260 for 5 years on Jan. 28, 2008. PI: Deliah Neuman; co-PIs: Gerry Stahl, Tony Hu, Michael Khoo, Yuan An.
- “Increasing Helping Behavior in Collaborative Problem Solving in the Virtual Math Teams Environment.” Proposal 735571 to the National Science Foundation Advanced Learning Technologies (ALT) Program. Submitted for \$606,669 over 3 years on April 23, 2007. PI: Carolyn Rosé (CMU); co-PI: Gerry Stahl (Drexel) and co-PI: Stephen Weimar (Math Forum). Proposal: <http://GerryStahl.net/publications/proposals/alt2007.pdf>.
- “Collaborative Research: Representations for Analyzing Collaborative Knowledge Construction in Technology-mediated Learning Environments.” Proposal 723505 to the National Science Foundation Research and Evaluation on Education in Science and Engineering (REESE) Program. Submitted for \$249,062 over 3 years on January 29, 2007. PI: Gerry Stahl; co-PI: Stephen Weimar (Math Forum) and Alan Zemel (Culture & Communication). Collaborative proposal with Daniel Suthers (Hawaii) for \$450,999 and Cindy Hmelo-Silver (Rutgers New Brunswick). Proposal: <http://GerryStahl.net/publications/proposals/reese2007a.pdf>.
- “eMath: Diverse High School Students Developing Mathematical Reasoning through Online Collaboration.” Proposal 723605 to the National Science Foundation Research and Evaluation on Education in Science and Engineering (REESE) Program. Submitted for \$995,145 over 3 years on January 29, 2007. PI: Arthur Powell (Rutgers, Newark); co-PI: Gerry Stahl (Drexel) and Carolyn Maher (Rutgers). Proposal: <http://GerryStahl.net/publications/proposals/reese2007b.pdf>.
- “Exploring Adaptive Support for Virtual Math Teams.” SGER Proposal to the National Science Foundation Research and Evaluation on Education in Science and Engineering (REESE) Program. Submitted for \$50,000 over 1 year on January 29, 2007. PI: Carolyn Rosé (CMU); consultants: Gerry Stahl and the Math Forum. Proposal:

- <http://GerryStahl.net/publications/proposals/reese2007c.pdf>.
- "Optimizing Feedback for Eliciting Pedagogically Valuable Explanation in Collaborative Problem Solving." Proposal to the National Science Foundation Advanced Learning Technologies Program. Submitted for 2 years on May 15, 2006. PI: Carolyn Rosé (CMU); co-PIs: Stephen Weimar and Gerry Stahl. Proposal: <http://GerryStahl.net/publications/proposals/alt2006.pdf>.
- "Engaged Learning in Online Communities." Proposal to the National Science Foundation Science of Learning Center Catalyst Program. Submitted for \$180,762 over 1.5 years on January 14, 2005. Proposal 0518477. PI: Gerry Stahl; co-PIs: Sharon J Derry (Wisconsin); K. Ann Renninger (Swarthmore); Mary R Marlino (UCAR); Daniel D Suthers (Hawaii). Proposal: <http://GerryStahl.net/publications/proposals/engaged/description.pdf>.
- "Interaction Math: An Informal Online Learning Collaboratory Led by the Math Forum @ Drexel." Proposal to the National Science Foundation Informal Science Education Program. Submitted for \$2,933,126 over 5 years on January 6, 2005. PI: Gene Klotz (Math Forum); co-PIs: Gerry Stahl and Stephen Weimar. Proposal 0515544: Proposal: <http://GerryStahl.net/publications/proposals/informal/description.pdf>.
- "Studying Online Collaborative Learning at the Math Forum." Proposal 337162 to the National Science Foundation ROLE Program. PI: Gerry Stahl; co-PIs: Scott Robertson and Wesley Shumar. Submitted for \$1,790,931 over 3 years on June 1, 2003. Proposal: <http://GerryStahl.net/publications/proposals/role2003>.
- "Collaboration Services for the Math Forum Digital Library." Proposal 333493 to the National Science Foundation NSDL Services Program. PI: Gerry Stahl; co-PIs: Stephen Weimar and Wesley Shumar. Submitted for \$494,953 over 2 years on April 21, 2003. Proposal: <http://GerryStahl.net/publications/proposals/nsdl2003>.
- "Group Knowledge Construction in Digital Library Communities." Proposal to the National Science Foundation NSDL Targeted Research Program. Submitted for \$498,748 over 2 years on April 21, 2003. PI: Scott Robertson; co-PIs: Gerry Stahl and Susan Weidenbeck. Proposal 0333471: <http://GerryStahl.net/publications/proposals/nsdl2003b>.
- "ITR: Catalyzing & Nurturing Online Workgroups to Power Virtual Learning Communities." Proposal to the National Science Foundation ITR Program. PI: Gerry Stahl; co-PIs: Stephen Weimar and Wesley Shumar. Submitted for \$3,374,472 over 5 years on February 12, 2003. Proposal 0325447: <http://GerryStahl.net/publications/proposals/itr2003>.
- "Educational Online Communities for At-Risk Youth." Proposal to foundations. Written for \$88,000 over 1 year in December 2002. Proposal: <http://GerryStahl.net/publications/proposals/nursing2003/nursing.doc>.

Funded Research at Colorado (1997-2001)

- Following are my grants as a post-doc and Research Professor from 1997-2001. Prior to that, I was involved with proposing, implementing and managing many city, state, federal & foundation grants from 1978-1984, and industry, state & federal grants from 1990-1996.
- 2001-2002: "Enhancing collaborative learning among researchers, practitioners, and students at CSCL 2002" (co-PI with Gerhard Fischer & Hal Eden) \$49,860; 10/1/01-9/30/02. Sponsor: NSF. Proposal 124010.
- 2000-2001: "New Media to Support Collaborative Knowledge-Building: Beyond Consumption and Chat" (Principal Investigator) \$19,752; Sponsor: Lab for New Media Strategy and Design. Proposal: <http://GerryStahl.net/publications/proposals/media/media.pdf>. Results: <http://www-jime.open.ac.uk/00/stahl/>
- 1999-2000: "Interoperability among Knowledge Building Environments" (Principal Investigator) \$9,124; Sponsor: Center for Innovative Learning Technology / SRI. Proposal: <http://GerryStahl.net/publications/proposals/cilt99/proposal.pdf>. Results: <http://GerryStahl.net/xml>.
- 1998-1999: "Collaborative Web-Based Tools for Learning to Integrate Scientific Results into Social Policy" (co-PI with Ray Habermann at NOAA) \$89,338; Sponsor: NSF. Results: <http://GerryStahl.net/publications/conferences/1999/group99/>.
- 1997-2000: "Conceptual Frameworks and Computational Support for Organizational Memories and Organizational Learning" (co-PI with Gerhard Fischer and Jonathan Ostwald) \$725,000; Sponsor: NSF, Computation and Social Systems program. Proposal: <http://GerryStahl.net/publications/proposals/omol>. Results: <http://GerryStahl.net/publications/journals/ai&society/AI&Soc.pdf>.
- 1997-2000: "Allowing Learners to be Articulate: Incorporating Automated Text Evaluation into Collaborative Software Environments" (primary author and primary software developer; PIs: Gerhard Fischer, Walter Kintsch and Thomas Landauer) \$678,239; Sponsor: James S. McDonnell Foundation, Cognitive Science in Education Program. Proposal: <http://GerryStahl.net/publications/proposals/mcdonnell>. Results: <http://GerryStahl.net/publications/journals/ile2000/ile.pdf>.

Grant Proposals at Colorado (1997-2001)

- "Enhancing collaborative learning among researchers, practitioners, and students at CSCL 2002" (co-PI with Gerhard Fischer & Hal Eden) \$49,860; Sponsor: NSF. Proposal 124010:
- "New Media to Support Collaborative Knowledge-Building: Beyond Consumption and Chat" (Principal Investigator) Proposal to the Lab for New Media Strategy and Design. Submitted for \$19,752 over 4 months on September 1, 2000. Proposal: <http://GerryStahl.net/publications/proposals/media/media.pdf>.
- "Interoperability among Knowledge Building Environments" (Principal Investigator) \$9,124; Sponsor: Center for Innovative Learning Technology / SRI. Proposal: <http://GerryStahl.net/publications/proposals/cilt99/proposal.pdf>.
- "Collaborative Web-Based Tools for Learning to Integrate Scientific Results into Social Policy" (co-PI with Ray Habermann at NOAA) \$89,338; Sponsor: NSF.
- "Conceptual Frameworks and Computational Support for Organizational Memories and Organizational Learning" (co-PI with Gerhard Fischer and Jonathan Ostwald) \$725,000; Sponsor: NSF, Computation and Social Systems program. Proposal: <http://GerryStahl.net/publications/proposals/omol>.
- "Allowing Learners to be Articulate: Incorporating Automated Text Evaluation into Collaborative Software Environments" (primary proposal author and post-doc; PIs: Gerhard Fischer, Walter Kintsch and Thomas Landauer) \$678,239; Sponsor: James S. McDonnell Foundation, Cognitive Science in Education Program. Proposal: <http://GerryStahl.net/publications/proposals/mcdonnell>.
- "CSS: Perspectives on Collaboration: a Micro-ethnographic Study of Computational Perspectives in Computer Support for Collaborative Knowledge-Building at a Virtual Biology Laboratory." (Principal Investigator) Proposal 117630 to the National Science Foundation CSS Program. Submitted for \$307,718 over 3 years on February 15, 2001. Proposal: <http://GerryStahl.net/publications/proposals/css2001/css2001.pdf>.
- "ITR/PE (EHR): Information Technology for Distributed Collaborative Learning in a Virtual Biology Lab." (Principal Investigator) Proposal 112397 to the National Science Foundation ITR Program. Submitted for \$472,610 over 3 years on January 18, 2001. Proposal: <http://GerryStahl.net/publications/proposals/itr2001/proposal.pdf>.
- "ROLE proposal: The Role of Computational Cognitive Artifacts in Collaborative Learning and Education" (Principal Investigator) Proposal 106950 to the National Science Foundation ROLE Program. Submitted for \$970,971 over 3 years on December 1, 2000. Proposal: <http://GerryStahl.net/publications/proposals/role/role.pdf>.
- "ROLE Pre-proposal: The Role of Computational Cognitive Artifacts in Collaborative Learning and Education" (Principal Investigator) Proposal 96877 to the National Science Foundation ROLE Program. Submitted for \$750,000 over 3 years on September 1, 2000. Encouraged full submission. Proposal: <http://GerryStahl.net/publications/proposals/role/role2pre.pdf>.
- "ROLE Pre-proposal: Research on Collaboration in Learning and on Collaboration Technology in Education" (Principal Investigator) Proposal 83440 to the National Science Foundation ROLE Program. Submitted for \$720,000 over 3 years on February 29, 2000. Encouraged full submission. Proposal: <http://GerryStahl.net/publications/proposals/role/role1pre.pdf>.
- "ITR/IM: Perspectives on Collaborative Knowledge-Building" Proposal 82829 to the National Science Foundation ITR Program. (Principal Investigator) Submitted for \$489,560 over 3 years on February 17, 2000. Proposal: http://GerryStahl.net/publications/proposals/itr_kbe/itr-kbe.pdf.
- "IT Support for Knowledge-Building in Workgroups" (Principal Investigator) Proposal 82263 to the National Science Foundation CSS Program. Submitted for \$399,190 over 3 years on February 15, 2000. Proposal: <http://GerryStahl.net/publications/proposals/omol2000/OMOL.2000.pdf>.
- "Collaborative Research on Knowledge-Building Environments: Growing a National and International Research Community for Distance Learning Information Technology" (Principal Investigator) Proposal 77095 to the National Science Foundation. Pre-proposal submitted for \$2,700,000 over 5 years on January 5, 2000. Proposal: <http://GerryStahl.net/publications/proposals/collab/collab.pdf>.
- "Models for Organizing Collaboration: Ways of Supporting Distributed Learning" Proposal to Lotus Corporation. (Principal Investigator) Submitted for \$68,000 over 1 year on January 18, 2000. Proposal: <http://GerryStahl.net/publications/proposals/lotus/lotus.pdf>.
- "POW! Perspectives on the Web" (Principal Investigator) Proposal to the Colorado Advanced Software Institute (CASI). Submitted for \$40,000 over 1 year on November 30, 1999. Proposal: <http://GerryStahl.net/publications/proposals/casi>.
- "POW! Perspectives on the Web" (Principal Investigator) Proposal to Intel Corporation. Submitted for \$190,000 over 3 years on October 18, 1999. Proposal: <http://GerryStahl.net/publications/proposals/intel>.
- "Research CyberStudio" (Principal Investigator) Internal research concept paper. Proposal:

Software Development Projects (1990-present)

These are some of the systems I implemented in the past decade, either at the Fraunhofer Institute, the University of Colorado or as a consultant. Except where indicated, I was the primary developer and they resulted in working prototypes. Theoretical frameworks for most of them are presented in my book, *Group Cognition*. In some cases (e.g., **BSCL**, **Hermes**, **State the Essence** and **WebGuide**) they are being used in on-going field studies.

- VMT** (2003-present): Virtual Math Teams is software to support collaborative problem solving of school mathematics by middle school and high school students who visit The Math Forum and join virtual math teams to discuss mathematics together. See: <http://mathforum.org/vmt>.
- BSCL** (2001-2003): Basic System for Collaborative Learning is a knowledge-building environment with personal and group perspectives based on BSCW, a web-based shared workspace. Funded by the European Union ITCOLE Project, it is being used in schools in several European countries. See: http://GerryStahl.net/publications/conferences/2002/criwg/Stahl_CRIWG_Paper.doc.
- WebGuide** (1998-2001): a knowledge-building environment with personal and group perspectives to facilitate collaboration and management of shared information spaces. Tried out in a middle school course and two graduate seminars. Supported by grants listed above. <http://www-jime.open.ac.uk/00/stahl/>.
- InterOp** (1999-2000): XML-based software to export data from incompatible knowledge-building environments in a standard format for display using XSL. Also used for client-server connection in WebGuide. Supported by CILT/SRI. <http://GerryStahl.net/xml>.
- State the Essence** (1997-1999): educational software using latent semantic analysis (LSA) to provide feedback to students summarizing a text. Used in middle school classrooms for three years and subjected to rigorous controlled experiments showing positive results, particularly for students having trouble understanding the given text. Supported by McDonnell Foundation. <http://GerryStahl.net/publications/journals/ile2000/ile.pdf>.
- SimRocket** (1998): a model-rocket simulation used with a middle school project team to analyze the effects of different rocket features. <http://GerryStahl.net/publications/conferences/2001/ethnography2001/ethnography.pdf>.
- WebNet** (1996-1997): a Web-based design environment for LAN design and management. Integrated a number of components for collecting, displaying, up-dating and discussing domain knowledge and local knowledge about LAN configuration. Supported by ARPA. <http://GerryStahl.net/publications/journals/ai&society/AI&Soc.PDF>
- CIE** (1995-1996): a workplace documentation support system for ISO 9000 certification, using computational perspectives to support bottom-up documentation processes. Prototyped for a local software startup.
- Tracker** (1995-1996): an information management system for the Baltimore public schools to track services to students on welfare. I worked on interface components to an Access database as a consultant.
- OptoNet** (1994-1995): a software feedback system in LabView with real-time analog-to-digital data acquisition to stabilize holographic equipment during space flight. This software was tested on NASA zero-g simulation flights. Developed under an NASA SBIR II grant.
- TCA** (1994-1995): a digital library for teachers to exchange, discuss, and adapt curricular materials for constructivist classrooms. The Teachers' Curriculum Assistant anticipated approaches now being implemented years later. Prototyped under an NSF SBIR I grant. <http://GerryStahl.net/publications/journals/c&e/C&E.PDF>
- Crew** (1993-1995): a case-based reasoning system to model long-term astronaut missions, developed under contract with NASA in cooperation with psychologists at Houston astronaut support. Extends and integrates several AI techniques. Developed under an NASA SBIR II grant and delivered to NASA. <http://GerryStahl.net/publications/journals/crew/crew.PDF>
- Hermes** (1992-1993): a hypermedia substrate for design environments, including computational perspectives, persistent versions of drawings, user-programmable critic agents, extensible scripting language. This was my dissertation system to implement an environment for lunar habitat design. NASA subsequently used it for their *Space Station Freedom Man-Systems Integration Standards* design guidelines for spacecraft. Supported by CASI and Johnson Engineering. http://GerryStahl.net/publications/conferences/1990-1997/cogsci93/COGSC_TR.PDF
- Phidias2** (1990-1992): an object-oriented rewrite of a hypermedia substrate for design rationale using contexts. This was an early version of Hermes. Supported by CASI and IBM.
- InterView** (1990-1991): an information management system for US West service providers to access data in multiple legacy database systems. I worked on C++ interface components to an object-oriented database management system as an intern.

Writings

Books & Edited Volumes

- Stahl, G. (2011). *Essays in computer-supported collaborative learning*. Philadelphia, PA: Gerry Stahl at Lulu. 200 pages. Web: <http://GerryStahl.net/elibrary/cscl>.
- Stahl, G. (2011). *Essays in group cognition*. Philadelphia, PA: Gerry Stahl at Lulu. 200 pages. Web: <http://GerryStahl.net/elibrary/gc>.
- Stahl, G. (2011). *Essays in personalizable software*. Philadelphia, PA: Gerry Stahl at Lulu. 294 pages. Web: <http://GerryStahl.net/elibrary/software>.
- Stahl, G. (2010). *Essays in philosophy*. Philadelphia, PA: Gerry Stahl at Lulu. 182 pages. Web: <http://GerryStahl.net/elibrary/philosophy>.
- Stahl, G. (2010). *Global introduction to CSCL*. Philadelphia, PA: Gerry Stahl at Lulu. 196 pages. Web: <http://GerryStahl.net/elibrary/global>.
- Stahl, G. (2010). *Introductions to ijCSCL*. Philadelphia, PA: Gerry Stahl at Lulu. 140 pages. Web: <http://GerryStahl.net/elibrary/ijcscl>.
- Stahl, G. (2010). *Marx and Heidegger*. Philadelphia, PA: Gerry Stahl at Lulu. 217 pages. Web: <http://GerryStahl.net/elibrary/marx>.
- Stahl, G. (2010). *Proposals for research*. Philadelphia, PA: Gerry Stahl at Lulu. 500 pages. Web: <http://GerryStahl.net/elibrary/proposals>.
- Stahl, G. (2010). *Tacit and explicit understanding*. Philadelphia, PA: Gerry Stahl at Lulu. 374 + xii pages. Web: <http://GerryStahl.net/elibrary/tacit>.
- Stahl, G. (2009). *Studying virtual math teams*. New York, NY: Springer. 626 +xxi pages. Web: <http://GerryStahl.net/vmt/book>. Doi: <http://dx.doi.org/10.1007/978-1-4419-0228-3>.
- Stahl, G. (2006). *Group cognition: Computer support for building collaborative knowledge*. Cambridge, MA: MIT Press. 510 + viii pages. Web: <http://GerryStahl.net/mit/>.
- Spada, H., Stahl, G., Miyake, N., & Law, N. (Eds.). (2011). *Connecting computer-supported collaborative learning to policy and practice: CSCL 2011 conference proceedings*. (Vol. I, II, III). Lulu: ISLS. Web: <http://GerryStahl.net/pub/cscl2011proceedingsI.pdf>, <http://GerryStahl.net/pub/cscl2011proceedingsII.pdf>, <http://GerryStahl.net/pub/cscl2011proceedingsIII.pdf>.
- Stahl, G., & Hesse, F. (Eds.). (2011). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 6, 4 quarterly issues, 500 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.
- Stahl, G., & Hesse, F. (Eds.). (2010). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 5, 4 quarterly issues, 452 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.
- Stahl, G., & Hesse, F. (Eds.). (2009). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 4, 4 quarterly issues, 478 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.
- Stahl, G., & Hesse, F. (Eds.). (2008). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 3, 4 quarterly issues, 470 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.
- Stahl, G., & Hesse, F. (Eds.). (2007). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 2, 4 quarterly issues, 500 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.
- Rohde, M., Wulf, V., & Stahl, G. (Eds.). (2006). *Behavior and information technology (bit): Special issue on computer support for learning communities*. Web: <http://GerryStahl.net/pub/bit.pdf>.
- Stahl, G., & Hesse, F. (Eds.). (2006). *International journal of computer-supported collaborative learning*. New York, NY: Springer. Vol. 1, 4 quarterly issues, 511 pages. Web: <http://ijcscl.org/?go=contents>. Doi: <http://www.springerlink.com/content/120055/>.

- Klamma, R., Rohde, M., & Stahl, G. (Eds.). (2004). *Siggroup bulletin: Special issue on community-based learning, explorations into theoretical groundings, empirical findings and computer support*. (Vol. 24). 100 pages. Web: <http://GerryStahl.net/publications/journals/cbl.pdf>.
- Stahl, G. (Ed.). (2002). *Computer support for collaborative learning: Foundations for a CSCL community. Proceedings of CSCL 2002. Boulder, Colorado, USA*. Mahway, NJ: Lawrence Erlbaum Associates. Web: <http://isls.org/cscl/cscl2002proceedings.pdf>.

Doctoral Dissertations

- Stahl, G. (1993). *Interpretation in design: The problem of tacit and explicit understanding in computer support of cooperative design*. Unpublished Dissertation, Ph.D., Department of Computer Science, University of Colorado. Boulder, CO. Web: <http://GerryStahl.net/publications/dissertations/computer>.
- Stahl, G. (1975). *Marxian hermeneutics and Heideggerian social theory: Interpreting and transforming our world*. Unpublished Dissertation, Ph.D., Department of Philosophy, Northwestern University. Evanston, IL. Web: <http://GerryStahl.net/publications/dissertations/philosophy>.

Book Chapters

- Stahl, G. (2012). Interaction analysis of a biology chat. In D. Suthers, K. Lund, C. P. Rosé & N. Law (Eds.), *Productive multivocality*. Cambridge, MA: MIT Press. Web: <http://GerryStahl.net/pub/multivocal.pdf>.
- Stahl, G. (2012). Theories of collaborative cognition: Foundations for CSCL and CSCW together. In S. Goggins & I. Jahnke (Eds.), *CSCL at work*. New York, NY: Springer. Web: <http://GerryStahl.net/pub/collabcognition.pdf>.
- Stahl, G. (2011). How to study group cognition. In S. Puntambekar, G. Erkens & C. Hmelo-Silver (Eds.), *Analyzing interactions in CSCL: Methodologies, approaches and issues*. (pp. 107-130). New York, NY: Springer. Web: <http://GerryStahl.net/pub/analyzinginteractions.pdf>.
- Stahl, G. (2011). Social practices of group cognition in virtual math teams. In S. Ludvigsen, A. Lund, I. Rasmussen & R. Säljö (Eds.), *Learning across sites: New tools, infrastructures and practices*. (pp. 190-205). New York, NY: Routledge. Web: <http://GerryStahl.net/pub/cmcc.pdf>.
- Stahl, G. (2011). Theorien des CSCL [theories in CSCL -- in German] (J. Haake & M. Muehlpfordt, Trans.). In J. Haake, G. Schwabe & M. Wessner (Eds.), *CSCL-kompodium 2.0*. (pp. 13-34). Frankfurt, Germany: Oldenburg. Web: <http://GerryStahl.net/pub/theorien.pdf>, <http://GerryStahl.net/pub/theories.pdf>.
- Stahl, G. (2011). Theories of cognition in collaborative learning. In C. Hmelo-Silver, A. O'Donnell, C. Chan & C. Chinn (Eds.), *International handbook of collaborative learning*. New York, NY: Taylor & Francis. Web: <http://GerryStahl.net/pub/clhandbook.pdf>.
- Stahl, G., & Rosé, C. P. (2011). Group cognition in online teams. In E. Salas & S. M. Fiore (Eds.), *Theories of team cognition: Cross-disciplinary perspectives*. (ch. 21, pp. 517-547). New York, NY: Routledge/Taylor & Francis. Web: <http://GerryStahl.net/pub/gcot.pdf>.
- Stahl, G., Spada, H., Miyake, N., & Law, N. (2011). Introduction to the proceedings of CSCL 2011. In H. Spada, G. Stahl, N. Miyake & N. Law (Eds.), *Connecting computer-supported collaborative learning to policy and practice: CSCL 2011 conference proceedings. Volume 1 — long papers*. (Vol. I, pp. viii-xi). Lulu: ISLS. Web: <http://GerryStahl.net/pub/cscl2011intro.pdf>.
- Stahl, G. (2010). Group cognition as a foundation for the new science of learning. In M. S. Khine & I. M. Saleh (Eds.), *New science of learning: Cognition, computers and collaboration in education*. (pp. 23-44). New York, NY: Springer. Web: <http://GerryStahl.net/pub/scienceoflearning.pdf>.
- Stahl, G. (2009). A chat about chat. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 1, pp. 7-16). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/1.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_1.
- Stahl, G. (2009). Deictic referencing in VMT. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 17, pp. 311-326). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/17.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_17.
- Stahl, G. (2009). Designing a mix of synchronous and asynchronous media for VMT. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 16, pp. 295-310). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/16.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_16.
- Stahl, G. (2009). From individual representations to group cognition. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 5, pp. 57-73). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/5.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_5.

- Stahl, G. (2009). Interactional methods and social practices in VMT. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 4, pp. 41-55). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/4.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_4.
- Stahl, G. (2009). Mathematical discourse as group cognition. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 3, pp. 31-40). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/3.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_3.
- Stahl, G. (2009). Meaning making in VMT. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 26, pp. 505-527). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/26.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_26.
- Stahl, G. (2009). Scripting group processes in VMT. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 18, pp. 327-334). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/18.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_18.
- Stahl, G. (2009). Toward a science of group cognition. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 28, pp. 555-579). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/28.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_28.
- Stahl, G. (2009). The VMT vision. In G. Stahl (Ed.), *Studying virtual math teams*. (ch. 2, pp. 17-29). New York, NY: Springer. Web: <http://GerryStahl.net/vmt/book/2.pdf>. Doi: http://dx.doi.org/10.1007/978-1-4419-0228-3_2.
- Stahl, G., Koschmann, T., & Suthers, D. (2008). Învățarea colaborativă sprijinită de calculator: O perspectivă istorică. [computer-supported collaborative learning: An historical perspective]. (Romanian) (Ș. Trăușan-Matu, Trans.). In Ș. Trăușan-Matu (Ed.), *Interacțiunea conversațională în sistemele colaborative pe web. [conversational interaction in web-based collaboration systems]. (Romanian)*. (ch. 1, pp. 1-24). Belgrade, Romania: Editura MatrixRom. Web: http://GerryStahl.net/cscl/CSCL_Romanian.pdf.
- Koschmann, T., Stahl, G., & Zemel, A. (2007). The video analyst's manifesto (or the implications of Garfinkel's policies for the development of a program of video analytic research within the learning sciences). In R. Goldman, R. Pea, B. Barron & S. Derry (Eds.), *Video research in the learning sciences*. (pp. 133-144). Mahway, NJ: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/publications/journals/manifesto.pdf>.
- Stahl, G. (2006). Engaging with engaged learning. In D. Hung & M. S. Khine (Eds.), *Engaged learning with emerging technologies*. (pp. i-v). Boston: Springer. Web: <http://GerryStahl.net/pub/engagement.pdf>.
- Stahl, G. (2006). Scripting group cognition: The problem of guiding situated collaboration. In F. Fischer, H. Mandl, J. Haake & I. Kollar (Eds.), *Scripting computer-supported collaborative learning: Cognitive, computational and educational perspectives*. (pp. 327-335). Dordrecht, Netherlands: Kluwer-Springer Verlag. Web: <http://GerryStahl.net/pub/scripting.pdf>.
- Stahl, G., Koschmann, T., & Suthers, D. (2006). Computer-supported collaborative learning: An historical perspective. In R. K. Sawyer (Ed.), *Cambridge handbook of the learning sciences*. (pp. 409-426). Cambridge, UK: Cambridge University Press. Web: <http://GerryStahl.net/elibrary/global>.
- Trăușan-Matu, S., Stahl, G., & Sarmiento, J. (2006). Polyphonic support for collaborative learning. In Y. A. Dimitriadis (Ed.), *Groupware: Design, implementation, and use: Proceedings of the 12th international workshop on groupware, CRIWG 2006, medina del campo, Spain, september 17-21, 2006. LNCS 4154*. (pp. 132-139). Berlin: Springer Verlag. Web: <http://GerryStahl.net/pub/interanimation.pdf>.
- Stahl, G. (2004). Building collaborative knowing: Elements of a social theory of CSCL. In J.-W. Strijbos, P. Kirschner & R. Martens (Eds.), *What we know about CSCL: And implementing it in higher education*. (pp. 53-86). Boston, MA: Kluwer Academic Publishers. Web: <http://GerryStahl.net/cscl/papers/ch16.pdf>.
- Stahl, G., & Carell, A. (2004). Kommunikationskonzepte [the role of communication concepts for CSCL pedagogy] (A. Carell, Trans.). In J. Haake, G. Schwabe & M. Wessner (Eds.), *CSCL-kompendium*. (pp. 229-237). Frankfurt, Germany: Oldenburg. Web: <http://GerryStahl.net/publications/journals/rolle.pdf>.
- Stahl, G. (2003). Can shared knowledge exceed the sum of its parts? In R. V. J. DeRidder (Ed.), *Knowledge sharing under distributed circumstances*. (pp. 85-88). Amsterdam, Netherlands: NWO-MES. Web: <http://GerryStahl.net/publications/conferences/2003/c&t>.
- Stahl, G. (2002). Groupware goes to school. In J. H. J. Pino (Ed.), *Groupware: Design, implementation and use: Proceedings of the 8th international workshop on groupware (CRIWG '02)*. (pp. 7-24). La Serena, Chile: Springer Lecture Notes in Computer Science 2440. Web: <http://GerryStahl.net/cscl/papers/ch11.pdf>.
- Stahl, G. (2002). Introduction: Foundations for a CSCL community. In G. Stahl (Ed.), *Computer support for collaborative learning: Foundations for a CSCL community. Proceedings of CSCL 2002. January 7-11. Boulder, Colorado, USA*. (pp. 1-2). Boulder, CO: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/cscl/papers/ch19.pdf>.

- Stahl, G. (2002). Rediscovering CSCL. In T. Koschmann, R. Hall & N. Miyake (Eds.), *CSCL 2: Carrying forward the conversation*. (pp. 169-181). Hillsdale, NJ: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/cscl/papers/ch01.pdf>.
- Stahl, G. (2000). Armchair missions to mars: Using case-based reasoning and fuzzy logic to simulate a time series model of astronaut crews. In S. Pal, T. Dillon & D. Yeung (Eds.), *Soft computing in case based reasoning*. (pp. 321-334). London, UK: Springer Verlag. Web: <http://GerryStahl.net/publications/journals/crew/index.html>.
- Fischer, G., Nakakoji, K., Ostwald, J., Stahl, G., & Sumner, T. (1998). Embedding critics in design environments. In M. T. Maybury & W. Wahlster (Eds.), *Readings in intelligent user interfaces*. (pp. 537-561). New York: Morgan Kaufman. Web: <http://GerryStahl.net/publications/journals/ker/index.html>.

Journal Publications

- Stahl, G. (2011). How I view learning and thinking in CSCL groups. *Research and Practice in Technology Enhanced Learning (RPTEL)*. Web: <http://GerryStahl.net/pub/rptel2011.pdf>, <http://youtu.be/h5MpUJnTipM>.
- Stahl, G., Law, N., & Hesse, F. (2011). Tweets from #cscl2011. *International Journal of Computer-Supported Collaborative Learning*. 6(3).
- Stahl, G., & Hesse, F. (2011). CSCL in Asia. *International Journal of Computer-Supported Collaborative Learning*. 6(1), 1-7.
- Stahl, G., & Hesse, F. (2011). Let a hundred flowers bloom; let a hundred schools of thought contend. *International Journal of Computer-Supported Collaborative Learning*. 6(2)
- Stahl, G. (2010). Group-cognition factors in sociotechnical systems. *Human Factors. Special issue on Collaboration, Coordination, and Adaptation in Complex Sociotechnical Systems* 52(2), 340-343. Web: <http://GerryStahl.net/pub/humanfactors2010.pdf>.
- Stahl, G. (2010). Guiding group cognition in CSCL. *International Journal of Computer-Supported Collaborative Learning*. 5(3), 255-258. Doi: <http://dx.doi.org/10.1007/s11412-010-9091-7>.
- Stahl, G., Çakir, M. P., Weimar, S., Weusijana, B. K., & Ou, J. X. (2010). Enhancing mathematical communication for virtual math teams. *Acta Didactica Napocensia*. 3(2), 101-114. Web: <http://GerryStahl.net/pub/adn2010.pdf>.
- Stahl, G., & Chai, S. (2010). Group cognition as a new science of learning: An interview with Gerry Stahl. *China Education Technology [in Chinese]*. 2010 (May). Web: <http://GerryStahl.net/pub/chinaed2009.pdf>.
- Stahl, G., & Hesse, F. (2010). Beyond folk theories of CSCL. *International Journal of Computer-Supported Collaborative Learning*. 5(4)
- Stahl, G., & Hesse, F. (2010). The CSCL field matures. *International Journal of Computer-Supported Collaborative Learning*. 5(1), 1-3. Web: <http://ijcscl.org/?go=contents&volume=5&issue=1>. Doi: <http://dx.doi.org/10.1007/s11412-009-9077-5>.
- Stahl, G., & Hesse, F. (2010). A prism of CSCL research. *International Journal of Computer-Supported Collaborative Learning*. 5(2), 137-139. Web: <http://ijcscl.org/?go=contents&volume=5&issue=2>. Doi: <http://dx.doi.org/10.1007/s11412-010-9087-3>.
- Stahl, G., Ou, J. X., Weusijana, B. K., Çakir, M. P., & Weimar, S. (2010). Multi-user GeoGebra for virtual math teams. *GeoGebra: The New Language For The Third Millennium*. 1(1), 117-126. Web: http://GerryStahl.net/pub/geogebra_romania.pdf.
- Çakir, M. P., Zemel, A., & Stahl, G. (2009). The joint organization of interaction within a multimodal CSCL medium. *International Journal of Computer-Supported Collaborative Learning*. 4(2), 115-149. Web: http://GerryStahl.net/pub/ijCSCL_4_2_1.pdf. Doi: <http://dx.doi.org/10.1007/s11412-009-9061-0>.
- Stahl, G. (2009). Yes we can! *International Journal of Computer-Supported Collaborative Learning*. 4(1), 1-4. Web: <http://ijcscl.org/?go=contents&volume=4&issue=1>. Doi: <http://dx.doi.org/10.1007/s11412-008-9055-3>.
- Stahl, G., & Hesse, F. (2009). Classical dialogs in CSCL. *International Journal of Computer-Supported Collaborative Learning*. 4(3), 233-237. Web: <http://ijcscl.org/?go=contents&volume=4&issue=3>. Doi: <http://dx.doi.org/10.1007/s11412-009-9071-y>.
- Stahl, G., & Hesse, F. (2009). Paradigms of shared knowledge. *International Journal of Computer-Supported Collaborative Learning*. 4(4), 365-369. Web: <http://ijcscl.org/?go=contents&volume=4&issue=4>. Doi: <http://dx.doi.org/10.1007/s11412-009-9075-7>.
- Stahl, G., & Hesse, F. (2009). Practice perspectives in CSCL. *International Journal of Computer-Supported Collaborative Learning*. 4(2), 109-114. Web: <http://ijcscl.org/?go=contents&volume=4&issue=2>. Doi: <http://dx.doi.org/10.1007/s11412-009-9065-9>.

- Sarmiento, J., & Stahl, G. (2008). Group creativity in inter-action: Referencing, remembering and bridging. *International Journal of Human-Computer Interaction (IJHCI)*. 492–504. Web: <http://GerryStahl.net/pub/ijhci2007.pdf>.
- Stahl, G. (2008). Book review: Exploring thinking as communicating in CSCL. *International Journal of Computer-Supported Collaborative Learning*. 3(3), 361-368. Web: <http://GerryStahl.net/pub/Sfardreview.pdf>. Doi: <http://dx.doi.org/10.1007/s11412-008-9046-4>.
- Stahl, G. (2008). Chat on collaborative knowledge building. *QWERTY*. 3(1), 67-78. Web: <http://GerryStahl.net/pub/qwerty08.pdf>.
- Stahl, G. (2008). The strength of the lone wolf. *International Journal of Computer-Supported Collaborative Learning*. 3(2), 99-103. Web: <http://ijcscl.org/?go=contents&volume=3&issue=2>. Doi: <http://dx.doi.org/10.1007/s11412-008-9041-9>.
- Stahl, G., & Hesse, F. (2008). CSCL practices. *International Journal of Computer-Supported Collaborative Learning*. 3(4), 369-372. Web: <http://ijcscl.org/?go=contents&volume=3&issue=4>. Doi: <http://dx.doi.org/10.1007/s11412-008-9053-5>.
- Stahl, G., & Hesse, F. (2008). Explorations of participation in discourse. *International Journal of Computer-Supported Collaborative Learning*. 3(3), 235-236. Web: <http://ijcscl.org/?go=contents&volume=3&issue=3>. Doi: <http://dx.doi.org/10.1007/s11412-008-9047-3>.
- Stahl, G., & Hesse, F. (2008). The many levels of CSCL. *International Journal of Computer-Supported Collaborative Learning*. 3(1), 1-4. Web: <http://ijcscl.org/?go=contents&volume=3&issue=1>. Doi: <http://dx.doi.org/10.1007/s11412-007-9036-y>.
- Stahl, G., Koschmann, T., & Suthers, D. (2008). Aprendizagem colaborativa com suporte computacional: Uma perspectiva histórica [computer-supported collaborative learning: An historical perspective] (portuguese translation by hugo fuks & tatiana escovedo). *Boletim Gepem*. 52(Dez.). Web: http://GerryStahl.net/cscl/CSCL_Portuguese.pdf.
- Trausan-Matu, S., Stahl, G., & Sarmiento, J. (2008). Polyphonic support for collaborative learning. *e-Service Journal*. 6(1), 58-74. Web: <http://GerryStahl.net/pub/esi.pdf>.
- Collazos, C. A., Guerrero, L. A., Pino, J. A., Ochoa, S., & Stahl, G. (2007). Designing collaborative learning environments using digital games. *Journal of Universal Computer Science*. 13(7), 781-791. Web: <http://GerryStahl.net/pub/jucs2007.pdf>.
- Stahl, G. (2007). CSCL and its flash themes. *International Journal of Computer-Supported Collaborative Learning*. 2(4), 359-362. Web: <http://ijcscl.org/?go=contents&volume=2&issue=4>. Doi: <http://dx.doi.org/10.1007/s11412-007-9029-x>.
- Stahl, G., & Hesse, F. (2007). Welcome to the future: ijCSCL volume 2. *International Journal of Computer-Supported Collaborative Learning*. 2(1), 1-5. Web: <http://ijcscl.org/?go=contents&volume=2&issue=1>. Doi: <http://dx.doi.org/10.1007/s11412-007-9010-8>.
- Stahl, G., Suthers, D., & Hesse, F. (2007). A double issue for CSCL 2007. *International Journal of Computer-Supported Collaborative Learning*. 2(2), 127-131. Web: <http://ijcscl.org/?go=contents&volume=2&issue=2>. Doi: <http://dx.doi.org/10.1007/s11412-007-9017-1>.
- Strijbos, J. W., & Stahl, G. (2007). Methodological issues in developing a multi-dimensional coding procedure for small group chat communication. *Learning & Instruction. Special issue on measurement challenges in collaborative learning research*. 17(4), 394-404. Web: <http://GerryStahl.net/vmtwiki/jw.pdf>.
- Stahl, G. (2006). Analyzing and designing the group cognitive experience. *International Journal of Cooperative Information Systems (IJCIS)*. 15, 157-178. Web: <http://GerryStahl.net/pub/ijcis.pdf>. Doi: <http://dx.doi.org/10.1142/S0218843006001323>.
- Stahl, G. (2006). Building knowledge in the classroom, building knowledge in the CSCL community. *International Journal of Computer-Supported Collaborative Learning*. 1(2), 163-165. Web: <http://ijcscl.org/?go=contents&volume=1&issue=2>. Doi: <http://dx.doi.org/10.1007/s11412-006-9013-x>.
- Stahl, G. (2006). Focusing on participation in group meaning making. *International Journal of Computer-Supported Collaborative Learning*. 1(3), 311-313. Web: <http://ijcscl.org/?go=contents&volume=1&issue=3>. Doi: <http://dx.doi.org/10.1007/s11412-006-9960-2>.
- Stahl, G. (2006). Interview about chat. *Newsletter of the Asia-Pacific Society for Computers in Education (APSCE)*. 1(2), 4-5. Web: http://GerryStahl.net/pub/rptel_interview.pdf.
- Stahl, G. (2006). Supporting group cognition in an online math community: A cognitive tool for small-group referencing in text chat. *Journal of Educational Computing Research (JECR) special issue on Cognitive tools for collaborative communities*. 35(2), 103-122. Web: <http://GerryStahl.net/pub/jecr.pdf>.
- Stahl, G. (2006). Sustaining group cognition in a math chat environment. *Research and Practice in Technology Enhanced Learning (RPTTEL)*. 1(2), 85-113. Web: <http://GerryStahl.net/pub/rptel.pdf>.

- Stahl, G., & Hesse, F. (2006). ijCSCL—a journal for research in CSCL. *International Journal of Computer-Supported Collaborative Learning*. 1(1), 3-7. Web: <http://ijcscl.org/?go=contents&volume=1&issue=1>. Doi: <http://dx.doi.org/10.1007/s11412-006-7867-6>.
- Stahl, G., & Hesse, F. (2006). Social practices of computer-supported collaborative learning. *International Journal of Computer-Supported Collaborative Learning*. 1(4), 409-412. Web: <http://ijcscl.org/?go=contents&volume=1&issue=4>. Doi: <http://dx.doi.org/10.1007/s11412-006-9004-y>.
- Stahl, G., Rohde, M., & Wulf, V. (2006). Introduction: Computer support for learning communities. *Behavior and Information Technology (BIT)*. 26(1), 1-3. Web: http://GerryStahl.net/pub/bit_intro.pdf. Doi: <http://dx.doi.org/10.1080/01449290600811495>.
- Stahl, G. (2005). Group cognition in computer assisted learning. *Journal of Computer Assisted Learning*. Web: <http://GerryStahl.net/publications/journals/JCAL.pdf>. Doi: <http://dx.doi.org/10.1111/j.1365-2729.2005.00115.x>.
- Stahl, G. (2004). Groupware goes to school: Adapting BSCW to the classroom. *International Journal of Computer Applications Technology (IJCAT)*. 19 "Current approaches for groupware design, implementation and evaluation"(3/4), 162-174. Web: <http://GerryStahl.net/publications/journals/ijcat2004/ijcat.pdf>.
- Stahl, G. (2003). Mediation of group cognition. *ACM SigGroup Bulletin*. 24(3), 4-18. Web: <http://GerryStahl.net/pub/mediation.pdf>. Doi: <http://doi.acm.org/10.1145/1052829.1052834>.
- Stahl, G. (2002). Can community knowledge exceed its members'? *ACM SigGroup Bulletin*. 23(3), 1-13. Web: <http://GerryStahl.net/publications/conferences/2003/group/workshop.pdf>. Doi: <http://doi.acm.org/10.1145/990017.990018>.
- Stahl, G. (2001). Webguide: Guiding collaborative learning on the web with perspectives. *Journal of Interactive Media in Education*. 2001(1). Web: <http://www.jime.open.ac.uk/2001/1> and <http://GerryStahl.net/cscl/papers/ch10.pdf>.
- Kintsch, E., Steinhart, D., Stahl, G., Matthews, C., Lamb, R., & the LSA Research Group. (2000). Developing summarization skills through the use of LSA-backed feedback. *Interactive Learning Environments*. 8(2), 87-109. Web: <http://GerryStahl.net/publications/journals/ile2000/ile.html>.
- Stahl, G. (2000). Collaborative information environments to support knowledge construction by communities. *AI & Society*. 14, 1-27. Web: <http://GerryStahl.net/cscl/papers/ch04.pdf>.
- Stahl, G. (2000). Review of "Professional development for cooperative learning: Issues and approaches" [book review]. *Teaching and Learning in Medicine: An International Journal*. 12(4). Web: <http://GerryStahl.net/cscl/papers/ch18.pdf>.
- Stahl, G. (1996). Armchair missions to Mars: Using case-based reasoning and fuzzy logic to simulate a time series model of astronaut crews. *Knowledge-Based Systems*. 9, 409-415. Web: <http://GerryStahl.net/publications/journals/crew/index.html>.
- Stahl, G., Sumner, T., & Owen, R. (1995). Share globally, adapt locally: Software to create and distribute student-centered curriculum. *Computers and Education. Special Issue on Education and the Internet*. 24(3), 237-246. Web: <http://GerryStahl.net/cscl/papers/ch05.pdf>.
- Fischer, G., Nakakoji, K., Ostwald, J., Stahl, G., & Sumner, T. (1993). Embedding critics in design environments. *Knowledge Engineering Review*. 4(8), 285-307. Web: <http://GerryStahl.net/publications/journals/ker/index.html>.
- Stahl, G. (1979). The economic facts of unemployment. *Neighborhoods -- Institute for the Study of Civic Values*. 5(1), 4-13, 51. Web: <http://GerryStahl.net/pub/unemployment.pdf>.
- Stahl, G. (1976). Attuned to Being: Heideggerian music in technological society. *Boundary 2*. IV(2), 637-664. Web: <http://GerryStahl.net/publications/interpretations/attuned.htm>.
- Stahl, G. (1975). The jargon of authenticity: An introduction to a marxist critique of Heidegger. *Boundary 2*. III(2), 489-498. Web: <http://GerryStahl.net/publications/interpretations/jargon.htm>.

Peer-Reviewed Conference Papers

- Stahl, G. (2011). *Group cognition through online dialogue*. Paper presented at the Socializing Intelligence Through Academic Talk and Dialogue. Pittsburgh, PA. LRDC, University of Pittsburgh. Web: <http://GerryStahl.net/pub/lrdc2011.pdf>.
- Stahl, G. (2011). *Group-cognition theory and knowledge-building analysis*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL 2011). Hong Kong, China. Web: <http://GerryStahl.net/pub/theories.pdf>.
- Stahl, G. (2011). *How a virtual math team structured its problem solving*. Paper presented at the international

- conference on Computer-Supported Collaborative Learning (CSCL 2011). Hong Kong, China. Proceedings pp. 256-263. Web: <http://GerryStahl.net/pub/cscl2011stahl.pdf> , <http://GerryStahl.net/pub/cscl2011stahl.ppt.pdf> , <http://youtu.be/0Dg02YQCOIE> .
- Stahl, G. (2011). *Group-cognition theory and knowledge-building analysis*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL 2011). Hong Kong, China. Web: <http://GerryStahl.net/pub/theories.pdf> , <http://GerryStahl.net/pub/theories.ppt.pdf> .
- Stahl, G. (2011). *Interaction analysis of a biology chat*. Paper presented at the Alpine Rendezvous 2011. La Clusaz, France. Web: <http://GerryStahl.net/pub/arv2011.pdf>.
- Stahl, G. (2011). *Keynote: Past, present and future of research on educational technology in the west*. Paper presented at the International Summer School of Doctoral Candidates in Educational Technology. Beijing, China. Web: <http://GerryStahl.net/pub/cscl2011beijing.pdf>.
- Stahl, G. (2011). *The structure of collaborative problem solving in a virtual math team*. Paper presented at the iConference 2011. Seattle, WA. Web: <http://GerryStahl.net/pub/iconf2011.pdf>.
- Stahl, G. (2011). *Theories of cognition in CSCW*. Paper presented at the European Computer-Supported Cooperative Work. Aarhus, Denmark. Web: <http://GerryStahl.net/pub/ecscw2011.pdf>.
- Stahl, G. (2011). *A view of computer-supported collaborative learning research today*. Paper presented at the Collaboration Technologies and Systems (CTS 2011). Philadelphia, PA. Web: <http://GerryStahl.net/pub/cts2011.pdf>.
- Stahl, G., Zhou, N., Cakir, M. P., & Sarmiento-Klapper, J. W. (2011). *Seeing what we mean: Co-experiencing a shared virtual world*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2011). Hong Kong, China. Proceedings pp. 534-541. Web: <http://GerryStahl.net/pub/cscl2011.pdf> , <http://GerryStahl.net/pub/cscl2011.ppt.pdf> , <http://youtu.be/HC6eLNNIvCk>.
- Çakir, M. P., Stahl, G., & Zemel, A. (2010). *Interactional achievement of shared mathematical understanding in virtual math teams*. Paper presented at the International Conference of the Learning Sciences (ICLS 2010). Chicago, IL. Web: <http://GerryStahl.net/pub/icls2010cakir.pdf>.
- Stahl, G. (2010). *Computer mediation of collaborative mathematical exploration*. Paper presented at the International Conference of the Learning Sciences (ICLS 2010). Chicago, IL. Web: <http://GerryStahl.net/pub/icls2010stahl.pdf>.
- Stahl, G. (2010). *Computer-supported collaborative learning, virtual math teams and group cognition*. Paper presented at the Communications Analysis Workshop. Tempe, AZ. Web: <http://GerryStahl.net/pub/cki2010.ppt>.
- Stahl, G., Ou, J. X., Çakir, M. P., Weimar, S., & Goggins, S. (2010). *Multi-user support for virtual GeoGebra teams*. Paper presented at the First North American GeoGebra Conference. Ithaca, NY. Web: <http://GerryStahl.net/pub/geogebra2010c.pdf>.
- Stahl, G., Rosé, C. P., & Goggins, S. (2010). *Analyzing the discourse of GeoGebra collaborations*. Paper presented at the First North American GeoGebra Conference. Ithaca, NY. Web: <http://GerryStahl.net/pub/geogebra2010b.pdf>.
- Stahl, G., Rosé, C. P., O'Hara, K., & Powell, A. B. (2010). *Supporting group math cognition in virtual math teams with software conversational agents*. Paper presented at the First North American GeoGebra Conference. Ithaca, NY. Web: <http://GerryStahl.net/pub/geogebra2010a.pdf>.
- Zemel, A., & Stahl, G. (2010). *Coordinating collaborative action in online math problem-solving*. Paper presented at the National Communication Association's 96th Annual Convention (NCA 2010). San Francisco, CA. Web: <http://GerryStahl.net/pub/nca2010.pdf>.
- Çakir, M. P., Zemel, A., & Stahl, G. (2009). *Interaction analysis of dual-interaction CSCL environments*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009). Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009cakir.pdf>.
- Koschmann, T., Stahl, G., & Zemel, A. (2009). *Examining understanding in computer-mediated learning environments*. Paper presented at the Fifth International Congress of Qualitative Inquiry (QI2009). University of Illinois, Urbana-Champaign, May 20-23, 2009. Web: <http://GerryStahl.net/pub/cscl2009koschmann.pdf>.
- Koschmann, T., Stahl, G., & Zemel, A. (2009). *"you can divide the thing into two parts": Analyzing referential, mathematical and technological practice in the VMT environment*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009). Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009tim.pdf>.
- Stahl, G. (2009). *Collaborative information practices in virtual math teams*. Paper presented at the Conference for Groupware (GROUP 2009). Sanibel Island, FL. Web: <http://GerryStahl.net/pub/group2009wkshp.pdf>.
- Stahl, G. (2009). *Collaborative learning through practices of group cognition*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009). Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009stahl.pdf>.

- Stahl, G. (2009). *For a science of group interaction*. Paper presented at the Conference for Groupware (GROUP 2009). Sanibel Island, FL. Web: <http://GerryStahl.net/pub/group2009.pdf> <http://GerryStahl.net/pub/group2009ppt.pdf>.
- Stahl, G. (2009). *Keynote: How I view learning and thinking in CSCL groups*. Paper presented at the International Conference on Computers and Education (ICCE 2009). Hong Kong, China. Web: <http://GerryStahl.net/pub/icce2009keynote.pdf>.
- Stahl, G., Çakir, M. P., Weimar, S., & Weusijana, B. K. (2009). *Enhancing mathematical communication for virtual math teams*. Paper presented at the Computer Algebra and Dynamic Geometry Systems in Mathematics Education. Castle of Hagenberg, Austria. Web: <http://GerryStahl.net/pub/cadgme2009.pdf>.
- Stahl, G., Zemel, A., & Koschmann, T. (2009). *Repairing indexicality in virtual math teams*. Paper presented at the International Conference on Computers and Education (ICCE 2009). Hong Kong, China. Web: <http://GerryStahl.net/pub/icce2009.pdf>.
- Zemel, A., Çakir, M. P., & Stahl, G. (2009). *Understanding and analyzing chat in CSCL as reading's work*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009). Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009zemel.pdf>.
- Zemel, A., Çakir, M. P., Stahl, G., & Zhou, N. (2009). *Learning as a practical achievement: An interactional perspective*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009). Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009zhou.pdf>.
- Zemel, A., Zhou, N., & Stahl, G. (2009). *Collaboration and chat: Reciprocity in online math problem solving*. Paper presented at the National Communication Association's 95th Annual Convention (NCA 2009). Chicago, IL. Web: <http://GerryStahl.net/pub/nca2009.pdf>.
- Çakir, M. P., & Stahl, G. (2008). *Collaborative information behavior of virtual math teams in a multimodal online environment*. Paper presented at the 2008 Research Symposium of the Special Interest Group on Human-Computer Interaction American Society for Information Science and Technology (ASIS&T). Columbus, OH. Web: <http://GerryStahl.net/pub/asist2008b.doc>.
- Sarmiento, J., & Stahl, G. (2008). *Extending the joint problem space: Time and sequence as essential features of knowledge building*. Paper presented at the International Conference of the Learning Sciences (ICLS 2008). Utrecht, Netherlands. Web: <http://GerryStahl.net/pub/icls2008johann.pdf>.
- Sarmiento, J., & Stahl, G. (2008). *Information practices to sustain knowledge building: The case of the virtual math teams online community*. Paper presented at the I-School Conference 2008. Web: <http://GerryStahl.net/pub/iConference08.pdf>.
- Stahl, G. (2008). *Human-human interaction and group learning*. Paper presented at the Human-Computer Interaction Consortium. Frasier, CO. Web: <http://GerryStahl.net/pub/hcic2008.pdf>.
- Stahl, G. (2008). *Integrating a wiki into support for group cognition*. Paper presented at the International Conference of the Learning Sciences (ICLS 2008). Utrecht, Netherlands. Web: <http://GerryStahl.net/pub/icls2008wiki.pdf>.
- Stahl, G. (2008). *Integrating synchronous and asynchronous support for group cognition in online collaborative learning*. Paper presented at the International Conference of the Learning Sciences (ICLS 2008). Utrecht, Netherlands. Web: <http://GerryStahl.net/pub/icls2008.pdf>.
- Zhou, N., Zemel, A., & Stahl, G. (2008). *Questioning and responding in online small groups engaged in collaborative math problem solving*. Paper presented at the International Conference of the Learning Sciences (ICLS 2008). Utrecht, Netherlands. Web: <http://GerryStahl.net/pub/icls2008nan.pdf>.
- Çakir, M. P., & Stahl, G. (2007). *Virtual math teams: Designing software support for collaborative math problem solving online*. Paper presented at the Annual Meeting of the Turkish American Scientists and Scholars Association (TASSA 2007). New Haven, CT. Web: <http://GerryStahl.net/pub/tassa2007.pdf>.
- Çakir, M. P., Zemel, A., & Stahl, G. (2007). *The organization of collaborative math problem solving activities across dual interaction spaces*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL '07). New Brunswick, NJ. Web: <http://GerryStahl.net/vmtwiki/murat.pdf>.
- Mühlpfordt, M., & Stahl, G. (2007). *The integration of synchronous communication across dual interaction spaces*. Paper presented at the The proceedings of CSCL 2007: Of mice, minds, and society (CSCL 2007). New Brunswick, NJ. Web: <http://GerryStahl.net/vmtwiki/martin.pdf>.
- Sarmiento, J., & Stahl, G. (2007). *Bridging and persistence in sustained, collaborative problem solving online*. Paper presented at the Hawaii International Conference on System Sciences (HICSS 2007). Hawaii, HI. Web: <http://GerryStahl.net/pub/hicss07>.
- Sarmiento, J., & Stahl, G. (2007). *Group creativity in virtual math teams: Interactional mechanisms for referencing, remembering and bridging*. Paper presented at the Creativity and Cognition Conference. Baltimore, MD. Web: <http://GerryStahl.net/vmtwiki/johann2.pdf>.

- Stahl, G. (2007). *Meaning making in CSCL: Conditions and preconditions for cognitive processes by groups*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL '07). New Brunswick, NJ. ISLS. Web: <http://GerryStahl.net/pub/cscl07.pdf>.
- Stahl, G. (2007). *The role of a wiki in supporting group cognition*. Paper presented at the Open Learning Initiative. Pittsburgh, PA. Web: <http://GerryStahl.net/pub/oli2007.pdf>.
- Stahl, G., & Sarmiento, J. (2007). *Social computing for educational knowledge building*. Paper presented at the GROUP 2007. Sanibel Island, FL. Web: <http://GerryStahl.net/pub/group2007.pdf>.
- Stahl, G., Toledo, R., & Sarmiento, J. (2007). *Using chat analysis to understand engaged learning in the virtual math teams online community*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA 2007). Chicago, IL. Web: <http://GerryStahl.net/pub/aera07.pdf>.
- Stahl, G., Wee, J. D., & Looi, C.-K. (2007). *Using chat, whiteboard and wiki to support knowledge building*. Paper presented at the International Conference on Computers in Education (ICCE 07). Hiroshima, Japan. Web: <http://GerryStahl.net/pub/icce07.pdf>.
- Toledo, R. P. S., Zemel, A., & Stahl, G. (2007). *Resolving differences: Twists and turns in a synchronous online collaborative mathematics problem-solving session*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL '07). New Brunswick, NJ. Web: <http://GerryStahl.net/vmtwiki/ramon.pdf>.
- Trausan-Matu, S., Stahl, G., & Sarmiento, J. (2007). *Polyphonic inter-animation of voices in chat*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL '07). New Brunswick, NJ. Web: <http://GerryStahl.net/vmtwiki/stefan.pdf>.
- Zhou, N., & Stahl, G. (2007). *Information behavior of small groups: Implications for design of digital libraries*. Paper presented at the Joint Conference of Digital Libraries (JCDL '07). Vancouver, Canada. Web: <http://GerryStahl.net/pub/jcdl2007.pdf>.
- Zhou, N., & Stahl, G. (2007). *Towards building a math discourse community: Investigating collaborative information behavior*. Paper presented at the HCI International 2007. Beijing, China. Proceedings pp. 509-518: Springer Lecture Notes in Computer Science. Web: <http://GerryStahl.net/pub/hcii2007.pdf>. Doi: <http://dx.doi.org/10.1007/978-3-540-73257-0>.
- Zhou, N., Zemel, A., & Stahl, G. (2007). *Information as a social achievement: Collaborative information behavior in CSCL*. Paper presented at the international conference on Computer-Supported Collaborative Learning (CSCL '07). New Brunswick, NJ. Web: <http://GerryStahl.net/vmtwiki/nan.pdf>.
- Çakir, M. P., Sarmiento, J., & Stahl, G. (2006). *Shared deictic referencing in online mathematics discourse*. Paper presented at the 27th Urban Ethnography in Education Research Forum 2006. Philadelphia, PA. Web: <http://GerryStahl.net/pub/ethned2006.pdf>.
- Collazos, C. A., Guerrero, L., Pino, J., Stahl, G., & Ochoa, S. (2006). *A model and a game for investigating and designing collaborative learning environments*. Paper presented at the Simposio Internacional Informatica Educativa (SIIE 2006). Leon, Spain. Web: <http://GerryStahl.net/pub/siie06.pdf>.
- Sarmiento, J., & Stahl, G. (2006). *Sustaining and bridging sense-making and collaborative learning across multiple interaction spaces*. Paper presented at the ASIS&T Annual Meeting (ASIS&T 2006). Austin, TX. Web: <http://GerryStahl.net/pub/asist2006.pdf>.
- Sarmiento, J., Stahl, G., & Weimar, S. (2006). *Assessing mathematical thinking from online, collaborative problem-solving*. Paper presented at the Conference of the National Council of Teachers of Mathematics (NCTM 2006). St. Louis, MO. Web: <http://GerryStahl.net/pub/nctm2006.pdf>.
- Stahl, G. (2006). *The generalization of knowledge by a virtual team*. Paper presented at the symposium on Leveraging Human Generalization Abilities for Optimal Learning. Boulder, CO. Web: <http://GerryStahl.net/pub/generalization.htm>.
- Stahl, G. (2006). *Meaning making in small groups*. Paper presented at the Interactive Symposium on "Engaged learning in online communities: Forging a research agenda" at the Annual Meeting of the American Educational Research Association (AERA 2006). San Francisco, CA. Web: <http://GerryStahl.net/pub/aera2006.pdf>.
- Stahl, G., Çakir, M. P., & Sarmiento, J. (2006). *Group cognition in online chat: How virtual math teams construct their cognitive experience*. Paper presented at the Human-Computer Interaction Consortium (HCIC 2006). Fraser, CO. Web: <http://GerryStahl.net/pub/hcic2006.pdf>.
- Stahl, G., Zemel, A., Sarmiento, J., Çakir, M. P., Weimar, S., Wessner, M., et al. (2006). *Shared referencing of mathematical objects in chat*. Paper presented at the International Conference of the Learning Sciences (ICLS 2006). Bloomington, IN. Proceedings pp. 716-722. Web: <http://GerryStahl.net/pub/icls2006.pdf>.
- Stahl, G., & Zhou, N. (2006). *The virtual math teams project: A global math discourse community*. Paper presented at the International Conference on Computers and Education (ICCE '06). Beijing, China. Web: <http://GerryStahl.net/pub/icce2006.pdf>.

- Wessner, M., Shumar, W., Stahl, G., Sarmiento, J., Mühlpfordt, M., & Weimar, S. (2006). *Designing an online service for a math community*. Paper presented at the International Conference of the Learning Sciences (ICLS 2006). Bloomington, IN. Proceedings pp. 818-824. Web: <http://GerryStahl.net/pub/icls2006design.pdf>.
- Zhou, N., & Stahl, G. (2006). *Information behavior of small groups*. Paper presented at the Connections 2006 (The Great Lakes Information Studies Conference). Syracuse, NY. Web: <http://GerryStahl.net/pub/connections2006.pdf>.
- Çakir, M. P., Xhafa, F., Zhou, N., & Stahl, G. (2005). *Thread-based analysis of patterns of collaborative interaction in chat*. Paper presented at the Artificial Intelligence in Education. Amsterdam, NL. Proceedings pp. 120-127: IOS Press. Web: <http://GerryStahl.net/pub/aied2005.pdf>.
- Dominguez, C., Uhlig, P., Brown, J., Gurevich, O., Shumar, W., Stahl, G., et al. (2005). *Studying and supporting collaborative care processes*. Paper presented at the Human Factors & Ergonomics Society (HFES 2005) June 13, 2005. Web: <http://GerryStahl.net/pub/hfes2005.pdf>.
- Sarmiento, J., Trausan-Matu, S., & Stahl, G. (2005). *Co-constructed narratives in online, collaborative mathematics problem solving*. Paper presented at the international conference on AI in Education (AI-Ed 2005). Amsterdam, Netherlands. Web: <http://GerryStahl.net/pub/aiedwkshp.pdf>.
- Sarmiento, J., Trausan-Matu, S., & Stahl, G. (2005). *Dialogical perspectives on narratives in collaborative mathematics problem-solving*. Paper presented at the International Symposium on Organizational Learning and Knowledge Work Management (OL-KWM 2005). Bucharest, Romania. Proceedings pp. 88-99. Web: <http://GerryStahl.net/pub/romania.pdf>.
- Stahl, G. (2005). *Group cognition in chat: Methods of interaction / methodologies of analysis*. Paper presented at the Kaleidoscope CSCL SIG Workshop on Analysis of Interaction and Learning (NAIL 2005). Gothenburg, Sweden. Web: <http://GerryStahl.net/pub/nail2005.pdf> & <http://GerryStahl.net/pub/nail2005ppt.pdf>.
- Stahl, G. (2005). *Group cognition in online collaborative mathematics problem solving*. Paper presented at the 11th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI 2005). Nicosia, Cyprus. Proceedings pp. 291. Web: <http://GerryStahl.net/pub/earli2005.pdf> & <http://GerryStahl.net/pub/earli2005ppt.pdf>.
- Stahl, G. (2005). *Group cognition: The collaborative locus of agency in CSCL*. Paper presented at the international conference on Computer Support for Collaborative Learning (CSCL '05). Taipei, Taiwan. Proceedings pp. 632-640: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/pub/cscl2005.pdf> & <http://GerryStahl.net/pub/cscl2005ppt.pdf>.
- Stahl, G. (2005). *Keynote: Groups, group cognition & groupware*. Paper presented at the Groupware: Design, Implementation, and Use, 11th International Workshop, CRIWG 2005, Porto de Galinhas, Brazil. Recife, Brazil. Springer. Web: <http://GerryStahl.net/pub/criwg2005.pdf> & <http://GerryStahl.net/pub/criwg2005ppt.pdf>.
Doi: http://dx.doi.org/10.1007/11560296_1.
- Stahl, G. (2005). *Sustaining online collaborative problem solving with math proposals [winner of best paper award]*. Paper presented at the International Conference on Computers and Education (ICCE 2005). Singapore, Singapore. Proceedings pp. 436-443. Web: <http://GerryStahl.net/pub/icce2005.pdf> & <http://GerryStahl.net/pub/icce2005ppt.pdf>.
- Stahl, G., Weimar, S., Fetter, A., & Sarmiento, J. (2005). *Virtual math teams: Studying and supporting online collaborative problem-solving*. Paper presented at the Annual Meeting of the National Council of Teachers of Mathematics (NCTM 2005). Anaheim, CA. Web: <http://GerryStahl.net/pub/nctm2005ppt.pdf>.
- Strijbos, J. W., & Stahl, G. (2005). *Chat-based problem solving in small groups: Developing a multi-dimensional coding scheme*. Paper presented at the Eleventh Biannual Conference of the European Association for Research in Learning and Instruction (EARLI 2005). Nicosia, Cyprus. Proceedings pp. 93. Web: <http://GerryStahl.net/pub/earli2005jw.pdf>.
- Zemel, A., Shumar, W., Stahl, G., Dominguez, C., Brown, J., Zipperer, L., et al. (2005). *Communications analysis of the Concord collaborative care model*. Paper presented at the Safety and Health Insurance (SAHI 2005). Saint Louis, Missouri. Web: <http://GerryStahl.net/pub/sahi2005.pdf>.
- Zemel, A., Xhafa, F., & Stahl, G. (2005). *Analyzing the organization of collaborative math problem-solving in online chats using statistics and conversation analysis*. Paper presented at the Groupware: Design, Implementation, and Use: 11th International Workshop, CRIWG 2005. Porto de Galinhas, Brazil. Proceedings pp. 271-283: Springer Lecture Notes in Computer Science. Web: <http://GerryStahl.net/pub/criwg2005zemel.pdf>. Doi: <http://dx.doi.org/10.1007/11560296>.
- Collazos, C., Pino, J., Guerrero, L., Stahl, G., & Ochoa, S. (2004). *A model and a game for investigating, designing and teaching collaborative learning*. Paper presented at the Sixth International Conference of the Learning Sciences (ICLS '04). Los Angeles, CA. Proceedings pp. 592. Web: http://GerryStahl.net/publications/conferences/2004/icls/collab_paper.pdf.

- Koschmann, T., Stahl, G., & Zemel, A. (2004). *The video analyst's manifesto (or the implications of Garfinkel's policies for the development of a program of video analytic research within the learning sciences)*. Paper presented at the International Conference of the Learning Sciences (ICLS 2004). Los Angeles, CA. Proceedings pp. 278-285. Web: <http://GerryStahl.net/pub/manifesto2004.pdf>.
- Stahl, G. (2004). *Collaborating with relational references [contribution to the workshop on representational support for knowledge building discourse]*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA 04). San Diego, CA. Web: <http://GerryStahl.net/publications/conferences/2004/aera.pdf>.
- Stahl, G. (2004). *Thinking at the group unit of analysis*. Paper presented at the CSCL SIG Symposium of the European Union Kaleidoscope Network of Excellence (KAL '04). Lausanne, Switzerland. Web: <http://GerryStahl.net/pub/kal2004.pdf> & <http://GerryStahl.net/pub/kal2004ppt.pdf>.
- Stahl, G. (2003). *Can community knowledge exceed its members'?* Paper presented at the International Conference on Groupware (GROUP '03). Sanibel Island, FL. Proceedings pp. 1-10. Web: <http://GerryStahl.net/publications/conferences/2003/group/workshop.pdf>.
- Stahl, G. (2003). *From computational artifact to cognitive artifact: A micro-ethnographic analysis of students building collaborative knowing about a rocket simulation*. Paper presented at the 24th Annual Ethnography in Education Research Forum. Philadelphia, PA. Web: <http://GerryStahl.net/publications/presentations/ethnog03/ethnog.pdf>.
- Stahl, G. (2003). *Keynote: The future of computer support for learning: An American/German delfic vision*. Paper presented at the First Conference on e-Learning of the German Computer Science Society (DeLFI 2003). Munich, Germany. Proceedings pp. 13-16. Web: <http://GerryStahl.net/publications/presentations/delfi>.
- Stahl, G. (2003). *Knowledge negotiation in asynchronous learning networks*. Paper presented at the Hawai'i International Conference on System Sciences (HICSS '03). Hawaii, HA. Proceedings pp. 3. Web: <http://GerryStahl.net/cscl/papers/ch12.pdf>.
- Stahl, G. (2003). *Meaning and interpretation in collaboration*. Paper presented at the Designing for Change in Networked Learning Environments: Proceedings of the International Conference on Computer Support for Collaborative Learning (CSCL '03). Bergen, Norway. Proceedings pp. 523-532: Kluwer Publishers. Web: <http://GerryStahl.net/cscl/papers/ch20.pdf>.
- Ligorio, B., Talamo, A., Innaccone, A., Pontecorvo, C., Scheltinga, H., Stahl, G., et al. (2002). *Fostering a shared culture to develop a web-based platform for international collaborative learning*. Paper presented at the International Conference for Cultural Research and Activity Theory (ISCRAT 2002). Amsterdam, NL.
- Stahl, G. (2002). *Analyzing and representing the building of collaborative knowing [workshop position paper]*. Paper presented at the Computer Support for Cooperative Work (CSCW 2002). New Orleans, LA. Web: <http://GerryStahl.net/publications/conferences/2002/cscw/workshop.pdf>.
- Stahl, G. (2002). *Contributions to a theoretical framework for CSCL*. Paper presented at the Computer support for collaborative learning: Foundations for a CSCL community. Proceedings of CSCL 2002. Boulder, CO. Proceedings pp. 62-71: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/cscl/papers/ch15.pdf>.
- Stahl, G. (2002). *Understanding educational computational artifacts across community boundaries*. Paper presented at the International Society for Cultural Research and Activity Theory (ISCRAT '02). Amsterdam, NL. Proceedings pp. 49. Web: <http://GerryStahl.net/cscl/papers/ch03.pdf>.
- Lenell, E., & Stahl, G. (2001). *Evaluating affordance short-circuits by reviewers and authors participating in on-line journal reviews*. Paper presented at the European Computer Supported Collaborative Learning Conference (E-CSCL '01). Maastricht, NL. Proceedings pp. 406-413. Web: <http://GerryStahl.net/publications/conferences/2001/ecsccl2001/ecsccl.html>.
- Stahl, G., & Sanusi, A. (2001). *Multi-layered perspectives on collaborative learning activities in a middle school rocket simulation project*. Paper presented at the 22nd Annual Ethnography in Education Research Forum. Philadelphia, PA. Web: <http://GerryStahl.net/publications/conferences/2001/ethnography2001/ethnography.pdf>.
- Stahl, G. (2000). *A model of collaborative knowledge-building*. Paper presented at the Fourth International Conference of the Learning Sciences (ICLS '00). Ann Arbor, MI. Proceedings pp. 70-77: Lawrence Erlbaum Associates. Web: <http://GerryStahl.net/pub/icls2000.pdf>.
- Stahl, G. (1999). *Pow! Perspectives on the Web*. Paper presented at the WebNet World Conference on the WWW and Internet (WebNet '99). Honolulu, HA. Proceedings pp. 91-99. Web: <http://GerryStahl.net/cscl/papers/ch08.pdf>.
- Stahl, G. (1999). *Reflections on webguide: Seven issues for the next generation of collaborative knowledge-building environments*. Paper presented at the International Conference on Computer Supported Collaborative Learning (CSCL '99). Palo Alto, CA. Proceedings pp. 600-610. Web: <http://GerryStahl.net/cscl/papers/ch09.pdf>.

- Stahl, G. (1999). *Webguide: Guiding collaborative learning on the web with perspectives*. Paper presented at the Annual Conference of the American Educational Research Association (AERA '99). Montreal, Canada. ERIC database. Web: <http://GerryStahl.net/publications/conferences/1999/aera99/>.
- Stahl, G., & Herrmann, T. (1999). *Intertwining perspectives and negotiation*. Paper presented at the ACM SIGGROUP Conference on Supporting Group Work (Group '99). Phoenix, AZ. Proceedings pp. 316-324. Web: <http://GerryStahl.net/cscl/papers/ch07.pdf>.
- Koschmann, T., Ostwald, J., & Stahl, G. (1998). *Shouldn't we really be studying practice? [panel position paper]*. Paper presented at the International Conference on the Learning Sciences (ICLS '98). Atlanta, GA. Web: http://GerryStahl.net/publications/conferences/1998/icls98/ICLS_Workshop.html.
- Koschmann, T., & Stahl, G. (1998). *Learning issues in problem-based learning: Situating collaborative information seeking. Workshop on technologies for collaborative information seeking [workshop position paper]*. Paper presented at the ACM Conference on Computer Supported Cooperative Work (CSCW 98). Seattle, WA. Web: http://GerryStahl.net/publications/conferences/1998/cscw98/cscw_workshop.html.
- Stahl, G. (1998). *Collaborative information environments for innovative communities of practice*. Paper presented at the German Computer-Supported Cooperative Work Conference (D-CSCW '98): Groupware und organisatorische Innovation. Dortmund, Germany. Proceedings pp. 195-210. Web: <http://GerryStahl.net/publications/conferences/1998/dcscw98/dcscw.html>.
- Stahl, G., & Herrmann, T. (1998). *Verschrankung von Perspektiven durch Aushandlung (in German; translated by G. Stahl as: The sharing of perspectives by means of negotiation)*. Paper presented at the Interaktion in Web: Innovative Kommunikationsformen. Marburg, Germany. Proceedings pp. 95-112. Web: <http://GerryStahl.net/publications/conferences/1998/verschrankung/index.html> and <http://GerryStahl.net/publications/conferences/1998/sharing/sharing.html>.
- Stahl, G., Sumner, T., & Reppenning, A. (1995). *Internet repositories for collaborative learning: Supporting both students and teachers*. Paper presented at the International Conference on Computer Support for Collaborative Learning (CSCL '95). Bloomington, Indiana. Proceedings pp. 321-328: ACM Press. Web: <http://GerryStahl.net/cscl/papers/ch06.pdf>.
- Fischer, G., Nakakoji, K., Ostwald, J., Stahl, G., & Sumner, T. (1993). *Embedding computer-based critics in the contexts of design*. Paper presented at the Conference on Human Factors in Computing Systems (INTERCHI '93). Amsterdam, NL. Proceedings pp. 157-164: Addison Wesley. Web: <http://GerryStahl.net/publications/conferences/1990-1997/chi93/CHI93.html>.
- Stahl, G. (1993). *Supporting situated interpretation*. Paper presented at the Annual Meeting of the Cognitive Science Society (CogSci '93). Boulder, CO. Proceedings pp. 965-970: Lawrence Erlbaum. Web: <http://GerryStahl.net/cscl/papers/ch13.pdf>.
- Stahl, G., McCall, R., & Peper, G. (1992). *Extending hypermedia with an inference language: An alternative to rule-based expert systems*. Paper presented at the IBM ITL Conference: Expert Systems. Yorktown Heights, NY. Proceedings pp. 160-167. Web: <http://GerryStahl.net/publications/conferences/1990-1997/ibm92/ExtHyper.html>.

Conference Posters, Workshops, Panels, Symposia, Tutorials, Demos, Invited Talks

- Stahl, G. (2011). Keynote: CSCL research: Two case studies. Presented at the CSCL 2011 post-conference at the Beijing China Normal School, Beijing, China. Web: <http://GerryStahl.net/pub/cscl2011.pdf>, <http://GerryStahl.net/pub/cscl2011stahl.pdf>, http://GerryStahl.net/pub/cscl2011beijing_keynote.ppt.pdf.
- Stahl, G. (2011). Keynote: Past, present and future of CSCL. Presented at the Knowledge Building Summer Institute 2011 and CSCL2011 post-conference at the South China Normal University, Guangzhou, China. Web: <http://GerryStahl.net/pub/cscl2011guangzhou.pdf>, <http://GerryStahl.net/pub/cscl2011guangzhou.ppt.pdf>, <http://youtu.be/SLC8Ew8J9Hg>, <http://youtu.be/nrGfYnLRPgg>, <http://youtu.be/0rh-3FnjLp4>.
- Stahl, G. (2011). Invited talk: China and the future of CSCL. Presented at the CSCL 2011 post-conference at the East China Normal University, Shanghai, China. Web: <http://youtu.be/zyQaN3c4c4g>.
- Stahl, G. (2011). Seminar: Past, present and future of research on educational technology in the west. Presented at the Shanghai Summer School of Doctoral Candidates at the East China Normal University, Shanghai, China. Web: <http://GerryStahl.net/pub/cscl2011seminar.pdf>, <http://GerryStahl.net/pub/cscl2011seminar.ppt.pdf>.
- Stahl, G. (2011). Seminar: Research on educational technology in CSCL. Presented at the Guangzhou Summer School of Doctoral Candidates at the South China Normal University, Guangzhou, China. Web:

- <http://GerryStahl.net/pub/cscl2011seminar.pdf> , <http://GerryStahl.net/pub/cscl2011seminar.ppt.pdf> .
- Stahl, G. (2011). Seminar: Past, present and future of CSCL. Presented at the International Summer School of Doctoral Candidates at the Beijing China Normal University, Beijing, China. Web: <http://GerryStahl.net/pub/cscl2011seminar.pdf> , <http://GerryStahl.net/pub/cscl2011seminar.ppt.pdf> .
- Stahl, G. (2011). Workshop paper: A theoretical framework for multivocal analysis. Presented at the international conference on Computer-Supported Collaborative Learning (CSCL 2011), Hong Kong, China. Web: <http://GerryStahl.net/pub/cscl2011workshop.pdf> , <http://GerryStahl.net/pub/cscl2011workshop.ppt.pdf> , <http://youtu.be/aCwrlSjDx0c> .
- Stahl, G. (2011). Discussant: The knowledge-creation perspective on CSCL tools. Presented at the international conference on Computer-Supported Collaborative Learning (CSCL 2011), Hong Kong, China. Web: <http://GerryStahl.net/pub/cscl2011discussant.pdf> , <http://GerryStahl.net/pub/cscl2011discussant.ppt.pdf> .
- Bielaczyc, K., Hakkarainen, K., Ritella, G., Sietamaa-Hakkarainen, P., Stahl, G., Scardamalia, M., et al. (2011). Symposium: Strengthening the conceptual foundations of knowledge building theory and pedagogy. Presented at the international conference on Computer-Supported Collaborative Learning (CSCL 2011), Hong Kong, China. Proceedings pp. 1089-1094. Web: <http://GerryStahl.net/pub/cscl2011symposium.pdf> .
- Schwarz , B., Hershkowitz, R., Atzmon, S., Rasmussen, C., Stahl, G., Wawro, M., et al. (2010). Symposium: Social construction of mathematical meaning through collaboration and argumentation. Presented at the International Conference of the Learning Sciences (ICLS 2010), Chicago, IL. Web: <http://GerryStahl.net/pub/icls2010symposium.pdf> .
- Stahl, G. (2010). Workshop presentation: A model of group cognition. Presented at the CKI Communications Workshop, Orlando, Florida. Web: <http://GerryStahl.net/pub/cki2010.pdf> .
- Weusijana, B. K., Ou, J. X., Stahl, G., & Weimar, S. (2010). Poster: Virtual math teams: An online tool for collaborative learning in the mathematics disciplines. Presented at the International Conference of the Learning Sciences (ICLS 2010), Chicago, IL. Web: <http://GerryStahl.net/pub/icls2010weusijana.pdf> .
- Hesse, F., & Stahl, G. (2009). Symposium: Productive tensions in CSCL: Should design be driven by theory, research or practice? Presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009), Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009symposium.pdf> .
- Koschmann, T., & Stahl, G. (2009). Symposium: Examining practices of computer-mediated learning. Presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009), Rhodes, Greece. Web: <http://GerryStahl.net/pub/cscl2009koschmann.pdf> .
- Stahl, G. (2009). Invited talk: Group cognition: Research toward a scientific foundation for computer-supported collaborative learning. Presented at the School of Education, Drexel University, Philadelphia, PA. Web: <http://GerryStahl.net/pub/edschool2009ppt.pdf> .
- Stahl, G. (2009). Invited talk: Understanding computer-supported group cognition: Steps toward a science of virtual groups. Presented at the Dept of Computer Science, Temple University. Web: <http://GerryStahl.net/pub/group2009.pdf> , <http://GerryStahl.net/pub/temple2009ppt.pdf> .
- Stahl, G. (2009). Tutorial: Introduction to CSCL. Presented at the international conference on Computer Support for Collaborative Learning (CSCL 2009), Rhodes, Greece. Web: <http://ijCSCL.org/wiki> .
- Sarmiento-Klapper, J. W., & Stahl, G. (2008). Poster: Collective information practices to sustain knowledge work over time. Presented at the 2008 Research Symposium of the Special Interest Group on Human-Computer Interaction American Society for Information Science and Technology (ASIS&T), Columbus, OH. Web: <http://GerryStahl.net/pub/asist2008a.pdf> .
- Stahl, G. (2007). Workshop: Chat analysis in virtual math teams. Presented at the International Conference of Computer-Supported Collaborative Learning (CSCL 2007), New Brunswick, NJ. Web: http://vmt.mathforum.org/vmtwiki/index.php/Chat_Analysis_Workshop .
- Stahl, G., & Hesse, F. (2007). Panel: Making use of productive tensions in CSCL. Presented at the International Conference of Computer-Supported Collaborative Learning (CSCL 2007), New Brunswick, NJ. Web: <http://mathforum.org/wiki/VMT?MethodologySymposium> .
- Renninger, K. A., Stahl, G., Suthers, D., Marlino, M., Weimar, S., Derry, S., et al. (2006). Workshop: Studying engaged learning in online communities. Presented at the International Conference of the Learning Sciences (ICLS 2006), Bloomington, IN. Web: <http://GerryStahl.net/pub/icls2006eloc.pdf> .
- Stahl, G., & Zemel, A. (2006). Workshop: Interaction & learning in chat environments: A workshop with data sessions. Presented at the International Conference of the Learning Sciences (ICLS 2006), Bloomington, IN. Web: <http://GerryStahl.net/pub/icls2006chat.pdf> .
- Stahl, G. (2005). Discussant: Measurement challenges for collaborative learning research. Presented at the Eleventh Biannual Conference of the European Association for Research in Learning and Instruction (EARLI 2005),

- Nicosia, Cyprus. Web: <http://GerryStahl.net/pub/earli2005discuss.pdf> & <http://GerryStahl.net/pub/earli2005discussppt.pdf>.
- Stahl, G., Weimar, S., Shumar, W., Çakir, M. P., Sarmiento, J., Toledo, R., et al. (2005). Four posters: Virtual math teams; quantitative analysis of interaction patterns in chat; conversation analysis of problem-solving methods in chat; designing software to support collaborative math learning. Presented at the international conference on Computer Support for Collaborative Learning (CSCL 2005), Taipei, Taiwan. Web: <http://GerryStahl.net/pub/csclp1.pdf> & <http://GerryStahl.net/pub/csclp2.pdf> & <http://GerryStahl.net/pub/csclp3.pdf> & <http://GerryStahl.net/pub/csclp4.pdf>.
- Klamma, R., Rohde, M., Stahl, G., & Wulf, V. (2004). Workshop: Community-based learning workshop: Explorations into theoretical groundings, empirical findings and computer support. Presented at the Sixth International Conference of the Learning Sciences (ICLS '04), Los Angeles, CA. Web: http://GerryStahl.net/pub/icls_learning_workshop.pdf.
- Stahl, G., Shumar, W., & Weimar, S. (2004). Poster: Diversity in virtual math teams. Presented at the Sixth International Conference of the Learning Sciences (ICLS '04), Los Angeles, CA. Proceedings pp. 636. Web: <http://GerryStahl.net/pub/icls2004poster.pdf>.
- Appelt, W., Ruland, R., & Stahl, G. (2003). Demo: Synergeia: A synchronous and asynchronous extension of BSCW for collaborative learning. Presented at the International Conference of Computer Support for Collaborative Learning (CSCL 2003), Bergen, Norway. Proceedings pp. 240-243. Web: <http://GerryStahl.net/pub/appelt2003.pdf>.
- Kirschner, P., Kreijns, K., Jarvela, S., Derks, R., Tu, C.-H., & Stahl, G. (2003). Panel: Is computer-supported collaborative learning asocial? Presented at the International Conference on Computer Support for Collaborative Learning (CSCL 2003), Bergen, Norway.
- Stahl, G. (2003). Poster: VMT: The virtual math teams project. Presented at the NSF NSDL Annual Project Meeting, Washington, DC. Web: http://GerryStahl.net/vmt/VMT_poster.pdf.
- Stahl, G. (2002). Poster: The complexity of a collaborative interaction. Presented at the International Conference of the Learning Sciences (ICLS '02), Seattle, WA. Web: <http://GerryStahl.net/cscl/papers/ch02.pdf>.
- Stahl, G., & Hoadley, C. (2000). Workshop: Strategies for sustaining interaction in online discussion forums and virtual communities. Presented at the Annual Conference of the American Educational Research Association (AERA 2000), New Orleans, LA. Web: <http://GerryStahl.net/publications/conferences/2000/aera2000/aera.html>.
- Stahl, G. (1999). Demo: Webguide: Computational perspectives for learning communities. Presented at the Annual conference of the Center for Innovative Learning Technologies (CILT '99), San Jose, CA. Web: <http://GerryStahl.net/publications/conferences/1999/cilt99/index.html>.
- Stahl, G., Koschmann, T., & Scardamalia, M. (1999). Workshop: Collaborating on the design and assessment of knowledge-building environments in the 2000's. Presented at the Computer Support for Collaborative Learning (CSCL '99), Stanford, CA. Web: http://GerryStahl.net/publications/conferences/1999/csl99/csl99_workshop.html.
- Stahl, G. (1998). Poster: Presentation of Webguide. Presented at the Annual conference of the Center for Innovative Learning Technologies (CILT '98), San Jose, CA.
- Stahl, G., & dePaula, R. (1998). Poster: Learning perspectives. Presented at the International Conference on the Learning Sciences (ICLS'98), Atlanta, GA. Web: <http://GerryStahl.net/publications/conferences/1998/icls98/icls98.html>.
- Stahl, G., Hermann, T., dePaula, R., & Loser, K.-U. (1998). Demo: Webguide: Guiding cooperative work on the web with support for perspectives and negotiation. Presented at the Computer Supported Cooperative Work (CSCW '98), Seattle, WA. Web: http://GerryStahl.net/publications/conferences/1998/cscw98/cscw_demo.html.
- Stahl, G. (1997). Poster: Webguide. Presented at the International Conference on Computer Support for Collaborative Learning (CSCL '97), Toronto, Canada. Web: <http://gerrystahl.net/pub/cscl1997stahl.pdf>.

Technical Reports

- Stahl, G. (2006). *Virtual math teams project: An overview of VMT*. Web: <http://www.mathforum.org/vmt/TheVMTProject.pdf>.
- Stahl, G. (2005). *Reflections on supporting and studying collaborative team formation in post-cardiac surgery care*. Philadelphia, PA: College of Information Science & Technology, Drexel University. Web: <http://GerryStahl.net/pub/collabcare.pdf>.
- Stahl, G. (1996). *Personalizing the web* (No. CU-CS-836-96). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/techreports/www6/PAPER82.html>.

- Stahl, G. (1996). *Supporting interpretation in design* (No. CU-CS-598-92). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/techreports/design/Design.tr.html>.
- Stahl, G. (1995). *Supporting personalizable learning* (No. CU-CS-788-95). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/techreports/personalize/>.
- Stahl, G. (1992). *A computational medium for supporting interpretation in design* (No. CU-CS-598-92). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/techreports/design/Design.tr.html>.
- Stahl, G. (1992). *Toward a theory of hermeneutic software design: Dissertation proposal* (No. CU-CS-589-92). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/dissertations/Proposal.html>.
- Stahl, G. (1991). *A hypermedia inference language as an alternative to rule-based systems* (No. CU-CS-557-91). Boulder, CO: Department of Computer Science, University of Colorado. Web: <http://GerryStahl.net/publications/conferences/1990-1997/ibm92/InfLang.html>.

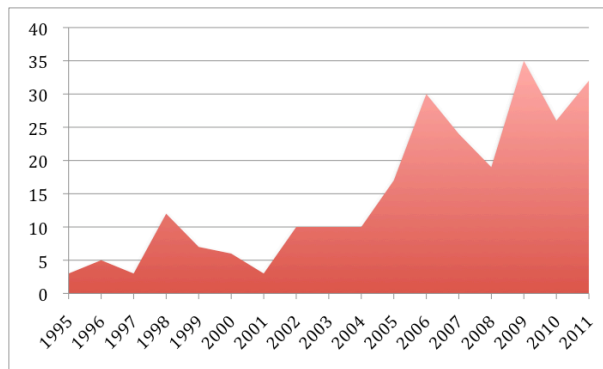
Unpublished Works

- Stahl, G. (2009). *A career in informatics*. Unpublished manuscript. Web: <http://GerryStahl.net/personal/career.html>.
- Stahl, G. (1999). *Supporting personalization and reseeding-on-demand*. Unpublished manuscript. Web: http://gerrystahl.net/publications/ideas/gerry_pp.html.
- Stahl, G. (1998). *Lela's birthday is a "Lela birthday"*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/Lela%20Birthday.html>.
- Stahl, G. (1998). *Software as a new art form*. Unpublished manuscript. Web: http://gerrystahl.net/publications/ideas/software_art.html.
- Stahl, G. (1998). *Software semiotics*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/semiotics.html>.
- Stahl, G., Koschmann, T., & Barrows, H. S. (1998). *Problem-based learning: White paper for a collaboration*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/PBL%20white%20paper.html>.
- Stahl, G. (1997). *Consciousness without neural correlates*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/interpretations/Neural%20Correlates%20of%20Consc.html>.
- Stahl, G. (1997). *LSA visits the Chinese room*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/interpretations/Chinese%20Room.html>.
- Stahl, G. (1996). *On Alexander's pattern language as end-user programming*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/pattern.html>.
- Stahl, G. (1996). *We have to work in the future now. (in fact, we are already late.)*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/interpretations/music.htm>.
- Stahl, G. (1992). *The evolutionary analysis of knowledge*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/analysis.html>.
- Stahl, G. (1992). *The rapid evolution of knowledge*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/ideas/rapid.html>.
- Stahl, G. (1984). *Education for democracy at Mondragon*. Unpublished manuscript. Web: <http://GerryStahl.net/pub/mondragon.pdf>.
- Stahl, G. (1978). *A modern voice for Marx*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/interpretations/capital.htm>.
- Stahl, G. (1976). *The theory and practice of democratic socialism*. Unpublished manuscript. Web: http://GerryStahl.net/pub/democratic_socialist_theory.pdf.
- Stahl, G. (1974). *Sound and society: An essay on electronic music*. Unpublished manuscript. Web: <http://gerrystahl.net/publications/interpretations/music.htm>.
- Stahl, G. (1974). *Utopian optics: Theodor W. Adorno's Prisms: Cultural criticism and society*. Unpublished manuscript. Web: http://GerryStahl.net/pub/utopian_optics.pdf.
- Stahl, G. (1970). *Time and Being: A translation of Martin Heidegger's Zeit und Sein*. Unpublished manuscript. Web: <http://GerryStahl.net/pub/time&being.pdf>.
- Stahl, G. (1967). *Truth as value: Nietzsche's escape from nihilism*. Unpublished manuscript. Web: <http://GerryStahl.net/pub/Nietzsche.pdf>.

Publication Statistics

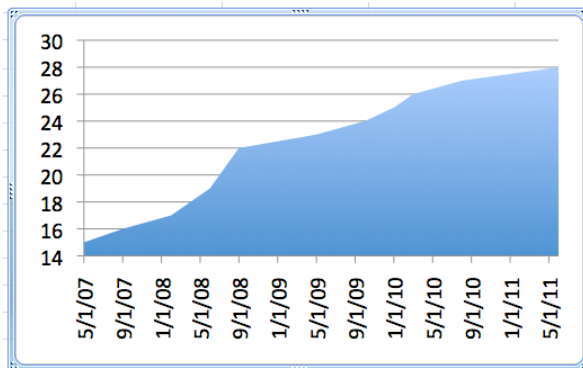
Number of publications per year since doctorate:

1994	0
1995	3
1996	5
1997	3
1998	12
1999	7
2000	6
2001	3
2002	10
2003	10
2004	10
2005	17
2006	30
2007	24
2008	19
2009	35
2010	26
2011	32



H-number (number of publications, h, with Google Scholar citations > h)

5/6/07	15
9/9/07	16
2/25/08	17
6/25/08	19
9/25/08	22
5/23/09	23
10/20/09	24
1/29/10	25
3/19/10	26
8/1/10	27
6/16/11	28



Community Service

International Journal of Computer-Supported Collaborative Learning (ijCSCL)

Founding Executive Editor 2004 – present

International Society of the Learning Sciences (ISLS), 2002-present

Board of Directors, ex officio, 2003-present

Web & Communications Committee Chair 2002-2005

Founding Board 2002-2003

Founding Committee 2002

The CSCL Community of ISLS

Executive Board member, 2003-present

Founding Steering Committee member, 2002

Journal of the Brazilian Computer Society (JBACS)

Editorial Board 2007 - present

European Journal of School Psychology (EJSP)

Advisory Board 2001 - present

Journal of Interactive Media in Education (JIME)

Editorial Board 2000 - 2007

European Computer Support for Cooperative Work (ECSCW 2011), Aarhus, Denmark, September 2011

Program Committee

Computer Support for Collaborative Learning (CSCL'11), Hong Kong, China, June 2011

Program Co-Chair

Program Committee

Steering Committee

IEEE, ACM, IFIP International Conference on Collaboration Technologies and Systems (CTS 2011), May 2011

Doctoral Dissertation Colloquium Co-Chair

Organizing Committee

Computer Support for Collaborative Learning (CSCL'09), Rhodes, Greece, June 2009

Program Committee

Workshops Chair

ACM Conference on Groupware (GROUP 2009), Sanibel Island, FL, May 2009

Program Committee

International Conference on Computers in Education (ICCE '08), Taipei, Taiwan, Nov 2008

Program Committee

Keynote Speaker

International Conference of the Learning Sciences (ICLS '08), Utrecht, Netherlands, June 2008

Scientific Program Committee

International Conference on Computers in Education (ICCE '07), Hiroshima, Japan, Nov 2007

Program Committee

Computer Support for Collaborative Learning (CSCL'07), New Brunswick, NJ, June 2007

Program Committee

Steering Committee

Workshops Chair

International Conference on Computers in Education (ICCE '06), Beijing, China, Nov 2006

Program Committee

Workshops Co-Chair

International Conference on Computers in Education (ICCE '05), Singapore, Nov 28-Dec 2, 2005

Program Committee

Doctoral Consortium Faculty

Conference on Learning in Communities, State College, PA, Aug 15-17, 2005

Program Committee

Computer Support for Collaborative Learning (CSCL '05), Taipei, Taiwan, June 2005

Program Committee

Steering Committee

Workshops Chair

International Workshop on Groupware (CRIWG '04), San Jose, Costa Rico, September 2004

Program Committee
 International Conference of the Learning Sciences (ICLS '04), Santa Monica, California, June 2004
 Program Committee
 Communities & Technology Conference (C&T '03), Amsterdam, Netherlands, August 2003
 Program Committee
 Computer Support for Collaborative Learning (CSCL '03), Bergen, Norway, June 2003
 Program Committee
 Steering Committee
 Workshops Co-chair
 International Conference of the Learning Sciences (ICLS '02), Seattle, Washington, October 2002
 Program Committee
 International Workshop on Groupware (CRIWG '02), La Serena, Chile, September 2002
 Program Committee
 Doctoral Consortium Faculty
 Computer Support for Collaborative Learning (CSCL '02), Boulder, Colorado, January 2002
 Program Chair
 Program Committee
 Steering Committee
 Proceedings Editor
 International Conference on Groupware (Group '01), Boulder, Colorado, October 2001
 Local Arrangements Chair
 International Workshop on Groupware (CRIWG '01), Darmstadt, Germany, September 2001
 Doctoral Consortium Faculty

Service at IST/Drexel

Representative to Faculty Senate (2007/08, 2008/09)
 Faculty Search committee (2008/09, 2010/11)
 Faculty Research Leadership Committee (2010/11)
 Faculty committee on Admissions and Financial Aid (2007/08)
 Faculty committee on College Strategic Futures (2004/05, 2006/07, 2007/08, 2008/09, 2010/11, 2011/12)
 Faculty committee on Curriculum (2005/06 & 2006/07)
 Organize the Research & Teaching lecture series (2003/04)
 Faculty committee on the Doctoral Program (2002/03, 2010/11)

Honors

Keynote Talk at CSCL 2011 in Shanghai: Stahl, G. (2011). Keynote: Past, present and future of CSCL. Presented at the Knowledge Building Summer Institute 2011 and CSCL2011 post-conference at the South China Normal University, Guangzhou, China. Web: <http://GerryStahl.net/pub/cscl2011guangzhou.pdf> , <http://GerryStahl.net/pub/cscl2011guangzhou.ppt.pdf> , <http://youtu.be/SLC8Ew8J9Hg> , <http://youtu.be/nrGfYnLRPgg> , <http://youtu.be/0rh-3FnjLp4> .

Keynote Talk at CSCL 2011 in Beijing: Stahl, G. (2011). Keynote: CSCL research: Two case studies. Presented at the CSCL 2011 post-conference at the Beijing China Normal School, Beijing, China. Web: <http://GerryStahl.net/pub/cscl2011.pdf> , <http://GerryStahl.net/pub/cscl2011stahl.pdf> , http://GerryStahl.net/pub/cscl2011beijing_keynote.ppt.pdf .

Invited Talk at CSCL 2011 in Shanghai. Stahl, G. (2011). Invited talk: China and the future of CSCL. Presented at the CSCL 2011 post-conference at the East China Normal University, Shanghai, China. Web: <http://youtu.be/zyQaN3c4c4g> .

Invited Talk at CTS 2011: Stahl, G. (2011). *A view of computer-supported collaborative learning research today.* Invited talk presented at the international conference on Collaboration Technologies and Systems (CTS 2011). Philadelphia, PA. Web: <http://GerryStahl.net/pub/cts2011.pdf> .

Opening Keynote at ICCE 2009: Stahl, G. (2009). *How I view learning and thinking in CSCL groups.* Keynote talk

presented at the International Conference on Computers and Education (ICCE 2009). Hong Kong, China. Web: <http://GerryStahl.net/pub/icce2009keynote.pdf>.

Best Paper at ICCE 2005: Stahl, G. (2005). *Sustaining online collaborative problem solving with math proposals*. Paper presented at the International Conference on Computers and Education (ICCE 2005). Singapore, Singapore. Proceedings pp. 436-443. Web: <http://GerryStahl.net/pub/icce2005.pdf> & <http://GerryStahl.net/pub/icce2005ppt.pdf>.

Opening Keynote at CRIWG 2005: Stahl, G. (2005). *Groups, group cognition & groupware*. Keynote talk presented at the Groupware: Design, Implementation, and Use, 11th International Workshop, CRIWG 2005, Porto de Galinhas, Brazil. Racife, Brazil. Proceedings pp. 1-16. Springer. Web: <http://GerryStahl.net/pub/criwg2005.pdf> & <http://GerryStahl.net/pub/criwg2005ppt.pdf>. Doi: http://dx.doi.org/10.1007/11560296_1.

Opening Keynote at DeLFI 2003: Stahl, G. (2003). *The future of computer support for learning: An American/German delfic vision*. Keynote talk presented at the First Conference on e-Learning of the German Computer Science Society (DeLFI 2003). Munich, Germany. Proceedings pp. 13-16. Web: <http://GerryStahl.net/publications/presentations/delfi>.

Million Dollar Club at Drexel University 2003: Grantsmanship award for NSF NSDL and IERI grants totaling \$2,750,000 awarded in first year at Drexel. Only Million Dollar Club recipient in iSchool history.

First Prize at Drexel/IST Research Day 2005 and 2006 and 2007: Set of four posters on VMT Project each year.

Scientific Advisory Committees

Knowledge Media Research Centre (KMRC), Tübingen, Germany: Scientific Advisory Board Consultant (March 2006 – 2010)

Knowledge Practices Lab (K-P Lab), Centre for Networked Learning and Knowledge Building, University of Helsinki, Finland: International Advisory Board Scientific Consultant (February 2006 – present)

Learning Sciences Lab, National Institute of Education (NIE), Nanyang Technological University, Singapore: International Advisory Board (December 2005)

Cyber-Enabled Design Research to Enhance Teachers' Critical Thinking Using a Major Video Collection on Children's Mathematical Reasoning, University of Wisconsin at Madison (October 2008 – present)

Collaborative Cardiac Surgery Research Project, Hospital of the University of Cincinnati, Cincinnati, OH: Interdisciplinary Research Team (February 2004 – 2006)

Visiting Researchers

Post-Doc: Baba Kofi A. Weusijana (April 1, 2009 – March 31, 2010)

Developer: Jimmy Xiantong Ou (May 14, 2009 – October 1, 2009)

Post-Doc: Murat Cakir (June 1, 2009 – October 1, 2009)

Post-Doc: Alan Zemel (October 1, 2004 – October 1, 2007)

National Central University (Taipei, Taiwan): Fei-Ching Chen (August 1, 2008 – June 30, 2009)

University of Bergen (Bergen, Norway): Weiqin Chen (February 1, 2007 – December 31, 2007)

Royal Institute of Technology (Stockholm, Sweden): Henry Rodriguez (October 1, 2006 – June 1, 2008)

Dawson College (Montreal, Canada): Elizabeth Charles (October 1, 2005 – March 1, 2006)

Fraunhofer Gesellschaft IPSI (Darmstadt, Germany): Martin Mühlpfordt (June 1 – September 1, 2006)

Fraunhofer Gesellschaft IPSI (Darmstadt, Germany): Martin Wessner (June 15 – September 15, 2005)

Politechnica University (Bucharest, Romania): Stefan Trausan-Matu (February 1 - August 1, 2005)

Open University of Catalonia (Barcelona, Spain): Fatos Xhafa (September 1, 2004 – February 27, 2005)

Open University of the Netherlands (Heerlen, Netherlands): Jan-Willem Strijbos (February 1 – June 30, 2004)

PhD Students

Drexel University (Philadelphia, PA): Murat Cakir (chair), Joel Eden, Ilene Litz Goldman, Trish Grieb-Neff, Yolanda Jones (committee), Wanda Kunkle, Deb LaBelle, Debra McGrath, Peter Miller, Craig Nelson, Eric Poole,

Johann Sarmiento (chair), Ramon Toledo (chair), James Waters (committee), Nan Zhou (chair)
University of Hong Kong (China): ZHAO Ke Coco (external reviewer)
Nanyang University (Singapore): WEE Juan (external reviewer)
Fraunhofer Gesellschaft IPSI (Germany): Martin Mühlpfordt (committee)
University of Bergen (Norway): Frode Guribye (external reviewer)
Open University of the Netherlands (Netherlands): Jan-Willem Strijbos
University of Chile (Chile): Cesar Alberto Collazos (committee)
University of Dortmund (Germany): Andrea Kienle
University of Colorado (Boulder, CO): Rogerio dePaula, Elizabeth Lenell, Alena Sanusi, David Steinhart (committee)

Courses Taught

INFO 782 **Topics in Informatics**, online (Fall 2011, Fall 2010)
INFO 782 **Topics in Informatics**, graduate level (Spring 2009)
INFO 780 **Computer-Supported Collaborative Learning**, graduate level (Spring 2004/05, Spring 2003/04)
INFO 611 **Design of Interactive Systems**, online (Winter 2011)
INFO 610 **Analysis of Interactive Systems**, online (Spring 2011)
INFO 610 **Analysis of Interactive Systems**, graduate level (Winter 2003/04)
INFO 608 **Human-Computer Interaction**, graduate level (Winter 2007/08, Winter 2004/05, Spring 2002/03)
INFO 608 **Human-Computer Interaction**, online (Spring 2008, Spring 2006/07, Winter 2002/03, Fall 2002/03)
INFO 405 **Computer-Supported Cooperative Work**, online (Winter 2011)
INFO 310 **Human-Computer Interaction**, junior/senior level (Winter 2008/09, Winter 2006/07, Spring 2005/06, Winter 2004/05, Winter 2003/04, Spring 2002/03)
INFO 110 **Human-Computer Interaction**, freshman/sophomore level (Spring 2008, Winter 2005/06)
INFO 105 **Information Users**, freshman/sophomore level (Spring 2009)
Data Analysis Seminar, 20 quarters
Independent Study, 36 student-quarters
Research Experience, 70 student-quarters

Topics in CSCL, Fall 2000, University of Colorado
Research in CSCL, Fall 1999, University of Colorado
Readings in CSCL, Spring 1999, University of Colorado

An electronic version of this Resume with live links is available at: <http://GerryStahl.net/home/resume.html>
and in pdf format for printing at <http://GerryStahl.net/home/resume.pdf>. Last revision: August 9, 2011.