CURRICULUM VITAE

STAN RUECKER

Contents

A. DEMOGRAPHIC

Stan Ruecker, PhD
Anthony J. Petullo Professor of Design
Design Research Fellow, College of Fine & Applied Arts
iSchool Informatics Program
Carle School of Medicine
University of Illinois at Urbana-Champaign
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B. EDUCATION

Interdisciplinary PhD in Humanities Computing, Departments of English and Art & Design
University of Alberta. 2003. Dissertation title: Affordances of Prospect for Academic Users of
Interpretively-tagged Text Collections. Supervisors Patricia Clements and Jorge Frascara.

MDes Visual Communication Design. Department of Art and Design. University of Alberta. 1999. Thesis
title: The Bi Sheng Electronic Book: More Like a Book; Less Like a Computer. Supervisor Peter Bartl.

MA English. University of Toronto. 1989.

BSc (distinction) Computer Science. University of Regina. 1988.

BA Hons (high honours). English. University of Regina. 1985.

C. ACADEMIC POSITIONS

2017–present	Professor, School of Art and Design, University of Illinois at Urbana-Champaign, Anthony J. Petullo Professor of Graphic Design (5-year appointment) and Design Research Fellow (2-year appointment) Affiliate Professor, University of Illinois iSchool (2017– present) Affiliate Professor, University of Illinois Carle School of Medicine (2018–present)
2011–2016	Associate Professor, Institute of Design, Illinois Institute of Technology, Chicago.
2009–2011	Associate Professor, Humanities Computing Program (3/4) and Department of English and Film Studies (1/4), University of Alberta, Edmonton
2004–2009	Assistant Professor, Humanities Computing Program (3/4) and Department of English and Film Studies (14), University of Alberta, Edmonton
2003	Killam Postdoctoral Research Fellow, Humanities Computing Program and Department of Modern Languages and Cultural Studies, University of Alberta, Edmonton
1997–2003	University student with majors in Design, English, and Humanities Computing

1989–1997   Consultant in computing and visual communication design

1980–1989   University student with majors in Math, Physics, English, and Computer Science

ADJUNCT PROFESSORSHIPS

2007–present   University of Victoria, Department of English, Faculty of Humanities

2011–2017   University of Alberta, Office of Interdisciplinary Studies, Faculty of Arts

2010–2013   University of Alberta, School of Library and Information Studies, Faculty of Education

D. PUBLICATIONS

BOOKS

Ruecker, Stan, Milena Radzikowska, and Jennifer Roberts-Smith, Eds. (Forthcoming 2019). *Proposals for Better Futures: Design Research Across the Disciplines.* Intellect Books.

Ruecker, Stan, Milena Radzikowska, and Stéfan Sinclair. *Visual Interface Design for Digital Cultural Heritage: A Guide to Rich-Prospect Browsing.* Farnham, Surrey: Ashgate Publishing, 2011.

BOOK CO-EDITORSHIP

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Derksen, Gerry, Piotr Michura, and Stan Ruecker. (2015). "Stories and Conversations in the Smart City." In *Smart Cities as Democratic Ecologies*. Ed. Daniel Araya. Houndmills, Basingstoke, Hampshire: Palgrave Macmillan.

Kovacs, Alexandra (Sasha) and Jennifer Roberts-Smith, Shawn DeSouza-Coelho, Teresa Dobson, Sandra Gabriele, Omar Rodriguez-Arenas, Stan Ruecker, Stéfan Sinclair. (2015). "An Interactive, Materialist-Semiotic Archive: Visualizing the Canadian Theatrical Canon in the Simulated Environment for Theatre (SET)." In *Place and Space: Cultural Mapping and the Digital Sphere*. Eds. Ruth Panofky and Kathleen Kellett. University of Alberta Press.

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Ruecker, Stan. "Rich-prospect Browsing Interfaces." In *Encyclopedia of Multimedia Technology and Networking*. 2nd Edition. Ed. Margherita Pagani. Idea Group International. 2008. pp. 1240-1248.

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Ruecker, Stan. "Carrying the pleasure of books into the design of the electronic book." In *Pleasure with Products: Beyond Usability*. William S. Green and Patrick W. Jordan, Eds. London: Taylor and Francis, 2002. pp. 135-146.

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Ruecker, Stan, Nadine Adelaar, Susan Brown, Teresa Dobson, Ruth Knechtel, Susan Liepert, Andrew MacDonald, Ernesto Pena, Milena Radzikowska, Geoff G. Roeder, Stéfan Sinclair, Jennifer Windsor, and the INKE Research Group. "Academic Prototyping as a Method of Knowledge Production: The Case of the Dynamic Table of Contexts." *Scholarly and Research Communication*. 5(2), 2014.

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Brown, Monica, Teresa Dobson, Dustin Grue, and Stan Ruecker. "Challenging new views on familiar plotlines: A discussion of the use of XML in the development of a scholarly tool for literary pedagogy." *Literary and Linguistic Computing*, 28: 199-208. 2013.

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the INKE Group. "Drilling for Papers in INKE." *Scholarly and Research Communication*, *3*(1). 2012. http://src-online.ca/index.php/src/article/view/47/66

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Sinclair, Stéfan, Stan Ruecker, Sandra Gabriele, Matt Patey, Matt Gooding, Chris Vitas, and Bartosz Bajer. "Meditating on a Mandala in Class: Studying Shakespeare's Plays with a Visual Exploration Tool for XML Texts". *Media | Pedagogy | Culture*. 2011.

Brown, Susan, Stan Ruecker, Jeffery Antoniuk, Sharon Farnel, Matt Gooding, Stéfan Sinclair, Matt Patey, and Sandra Gabriele. "Reading Orlando with the Mandala Browser: A Case Study in Algorithmic Criticism via Experimental Visualization." *Digital Studies/Le champ numérique. 1*(4), 2010.

Shiri, Ali, Stan Ruecker, Matt Bouchard, Amy Stafford, Paras Mehta, Karl Anvik, Ximena Rossello. "User evaluation of Searchling: a visual interface for bilingual digital libraries." *The Electronic Library*, *29*(1), 71-89. 2010.

Galey, Alan, Stan Ruecker, and the INKE Research Group. "How a Prototype Argues." *Literary and Linguistic Computing*. *25*(3). 2010.

Rockwell, Geoffrey, Stéfan Sinclair, Stan Ruecker, and Peter Organisciak. "Ubiquitous Text Analysis." *Poetess Archive Journal. 2*(1). 2010.

Arazy, Ofer, Eleni Stroulia, Stan Ruecker, Cristina Arias, Carlos Fiorentino, Veselin Ganev, and Terence Yau. "Recognizing Contributions in Wikis: Authorship Categories, Algorithms, and Visualizations." *Journal of the American Society for Information Science and Technology (JASIST). 61*(6), 1166-1179. 2010.

Siemens, Ray, Claire Warwick, Richard Cunningham, Teresa Dobson, Alan Galey, Stan Ruecker, Susan Schreibman and the INKE Research Group. "Codex Ultor: Toward a Conceptual and Theoretical Foundation for New Research on Books and Knowledge Environments." *Digital Studies / Le champ numérique*. Special Issue: *The Computer and Canadian Scholarship: Recent Trends in the Humanities and Social Sciences. 1*(2), 2009.

Ruecker, Stan, Milena Radzikowska, and Stéfan Sinclair. "Designing Data Mining Droplets: New Interface Objects for the Humanities Scholar." *Digital Humanities Quarterly*. *3*(3), Summer 2009.

Brown, Susan, Patricia Clements, Isobel Grundy, Stan Ruecker, Jeffery Antoniuk, Sharon Balazs. "Published Yet Never Done: The Tension Between Projection and Completion in Digital Humanities Research." *Digital Humanities Quarterly*. *3*(2), Spring 2009.

Gainor, Rhiannon, Stéfan Sinclair, Stan Ruecker, Matt Patey, and Sandra Gabriele. "A Mandala Browser User Study: Visualizing XML Versions of Shakespeare's Plays." *Visible Language 43*(1), 60-85. 2009.

Ruecker, Stan, Milena Radzikowska, Piotr Michura, Carlos Fiorentino, and Tanya Clement. "Visualizing Repetition in Text." Reassembling the Disassembled Book: Symposium of the Congress of the Humanities and Social Sciences, University of Saskatchewan, May 2007. Brent Nelson, editor. Special Issue of *CH Working Papers*. August 2008.

Given, Lisa, Stan Ruecker, Heather Simpson, Bess Sadler, and Andrea Ruskin. "Inclusive Interface Design for Seniors: Exploring the Health Information-Seeking Context." *JASIST*. *58*(11), 1610-1617. 2007.

Brown, Susan, Stan Ruecker, Jeffrey Antoniuk, Sharon Balasz, Patricia Clements, Isobel Grundy. "Designing Rich-Prospect Access to a Feminist Literary History." *WWR: The Official Magazine of Women Writing and Reading*. *2*(1), 12-17. 2007.

Ruecker, Stan, Stéfan Sinclair, and Milena Radzikowska. "Confidence, Visual Research and the Aesthetic Function." *Partnership: the Canadian Journal of Library and Information Practice and Research*. *2*(1). 2007.

Frascara, Jorge and Stan Ruecker. "Medical Communications and Information Design." *Information Design Journal and Document Design*. *15*(1), 44-53. 2007.

Ruecker, Stan, Lisa Given, Heather Simpson, Bess Sadler, and Andrea Ruskin. "Design of a Rich-Prospect Browsing Interface for Seniors: A Qualitative Study of Image Similarity Clustering." *Visible Language*. *41*(1), 4-22. 2007.

Ruecker, Stan and Kirsten C. Uszkalo. "Binding the Electronic Book: Design Features for Bibliophiles." *Visible Language*. *41*(1), 50-69. 2007.

Ruecker, Stan. "Experimental Interfaces Involving Visual Grouping During Browsing." *Partnership: the Canadian Journal of Library and Information Practice and Research*. *1*(1). 2006.

Ruecker, Stan and Susan Liepert. "Taking Mendeleyev's Correspondence Course: Interface Design Lessons from the Periodic Table of the Elements." *Information Design Journal and Document Design*. *14*(3), 236-245. 2006.

Ruecker, Stan. "The Sensual Pleasures of Books." *The Senses and Society*. *1*(1), 109-111. 2006.

Devereaux, Zachary and Stan Ruecker. "Online Issue Mapping of International News and Information Design." *Human IT: Journal* for Information Technology Studies as a Human Science. *8*(3), 1–27. 2006.

Ruecker, Stan, Eric Homich and Stéfan Sinclair. "Multi-level Document Visualization." *Visible Language*. *39*(1), 33-41. Jan/Feb 2005.

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EDITED SPECIAL ISSUES OF JOURNALS

Ruecker, Stan, Ed. Design Research Leading Matters of Concern. *Diseña*. (13), 2018.

Ruecker, Stan, Ed. The Future of Reading. *Interdisciplinary Science Reviews*. 40(1), 2015.

Brown, Susan, and Stan Ruecker, Eds. Text Tools for the Arts. *Digital Studies/Le champ numérique*. (3), 2012.

INTERVIEWS CONDUCTED

Ruecker, Stan. Interview of Laura Forlano. "The Imaginary Framing and the Lived Experience of Technologies," Stan Ruecker, Ed. (2018). *Special Issue of Diseña on Design Research Leading Matters of Concern*. (13). pp. 58-83. English and Spanish.

Ruecker, Stan. Interview of Jorge Frascara and Guillermina Nöel. "Distributed Leadership," Stan Ruecker, Ed. (2018). *Special Issue of Diseña on Design Research Leading Matters of Concern*. (13). pp. 24-57. English and Spanish.

UNREFEREED JOURNAL ARTICLES

Roberts-Smith, Jennifer, Kathryn Harvey, Shawn DeSouza-Coelho, Teresa Dobson, Sandra Gabriele, Alexandra (Sasha) Kovacs, Omar Rodriguez-Arenas, Stan Ruecker, and Stéfan Sinclair. "Is There an Archivist in the Sim?: Teaching Literacy through Experience in a Post-positivist, Mixed-media Virtual Theatre Archive." *Canadian Theatre Review*. 156: 40-45. 2013.

Frascara, Jorge and Stan Ruecker. "Comunicaciones médicas y diseño de información." *Typografica*. 28-33. Also includes English translation in insert. Aug/Sept 2006.

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Siemens, Ray, Claire Warwick, Richard Cunningham, Teresa Dobson, Alan Galey, Stan Ruecker, Susan Schreibman et L'équipe du projet Implementing New Knowledge Environments (INKE). Codex Ultor : Vers des fondations conceptuelles et théoriques pour de nouvelles recherches sur les livres et les environnements documentaires. *Érudit. 1*(1). 2009.

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Liem, André, Stan Ruecker, and Juan Alfonso de la Rosa. "Using Studio Teaching as an Initiator and Driver for Research Collaboration in Design." Proceedings of the 21st International Conference on Engineering Design (ICED17). Vancouver, August 21-25, 2017.

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Ruecker, Stan. (2018). "Designing for Preferred Futures." Invited keynote for the Business Symposium of SIGGRAPH 2018. Vancouver, BC. Aug 11-12, 2018.

Ruecker, Stan. (2018). "The Uses of Prototypes in Research Through Design." Invited video keynote at the Design Culture Symposium: Research Through Design. Porto Alegre, Brazil. June 7-8, 2018.

Porteanu, Monica and Stan Ruecker. (2018). "The AR of Letting Go: The Role of Augmented Reality in Creating a Post-Consumption Society." Presentation at Energizing Futures– Sustainable Development and Energy in Transition. Tampere, Finland: Finland Futures Research Centre, University of Turku. June 13-14, 2018.

Liepert, Marley, Susan Liepert, and Stan Ruecker. "Emulators for Digital Preservation." Presentation in the panel Emulation is the Sincerest Form of Flattery at the Canadian Society for Digital Humanities (CSDH/SCHN). Regina, SK, May 26-28, 2018.

Liepert, Marley and Stan Ruecker. "Emulators Plus: the Case of Speed Running." Presentation in the panel Emulation is the Sincerest Form of Flattery at the Canadian Society for Digital Humanities (CSDH/SCHN). Regina, SK, May 26-28, 2018.

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Ruecker, Stan. "Prototyping to Refine the Research Question." Keynote Presentation at the 2nd Congreso Internacional de Investigación en Diseño. Universidad Nacional de Colombia. Especialización en Pedagogía del Diseño, Especialización en Diseño y, Desarrollo de Producto, Escuela de Diseño Industrial, Escuela de Diseño Gráfi co, Maestría en Diseño, Facultad de Artes. Bogota, Colombia. Aug 28-Sept 3, 2016.

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Radzikowska, Milena and Stan Ruecker. "Materializing Text Analytical Experiences: Taking Bubblelines Literally." Presentation at the Canadian Society for Digital Humanities/ Société canadienne des humanités numériques (CSDH/SCHN) annual conference at the 2016 Congress of the Social Sciences and Humanities, Calgary, Alberta May 30-June 1, 2016.

Ruecker, Stan. "Collaborative Hermeneutics and Scholarly Engagement in the Humanities." Invited Keynote at the National Federation of Advanced Information Services (NFAIS) Humanities Roundtable. Chicago, Oct 2, 2015.

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Ruecker, Stan. "The Preferred Situation." Invited Keynote. The 11th Annual Research and Development + Design Conference (P&D Design 2014). Sept 29-Oct 12, 2014. Gramado, Brazil.

Montague, John Joseph, Geoffrey Rockwell, Stan Ruecker, Stéfan Sinclair, Susan Brown, Ryan Chartier, Luciano Frizzera, John Simpson. "Seeing the Trees & Understanding the Forest: Prototyping Visualization Models for Text Mining." DH2014 Lausanne. July 7-12, 2014.

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Frizzera, Luciano, John Montague, Simone Sperhacke, Maurício Bernardes, Geoffrey Rockwell, Stan Ruecker and the INKE Research Group. "Structured Surfaces for Digital Board Games: The DH Experience." Presentation in the panel The Lifecycle of the Interface at the Canadian Society for Digital Humanities/ Société canadienne des humanités numériques (CSDH/SCHN) annual conference at the 2014 Congress of the Social Sciences and Humanities, Brock University, May 26-28, 2014.

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Montague, John, Geoffrey Rockwell, Stan Ruecker, Stéfan Sinclair, Ryan Chartier, Luciano Frizzera, John Simpson, and the INKE team. "Hybrid Dendrogram and Word-Cloud Visualizations for Text Mining." Presentation in the panel Thinking Critically About Information Visualization at the Canadian Society for Digital Humanities/ Société canadienne des humanités numériques (CSDH/SCHN) annual conference at the 2014 Congress of the Social Sciences and Humanities, Brock University, May 26-28, 2014.

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Brown, Susan, Brent Nelson, Stan Ruecker, Stéfan Sinclair, Nadine Adelaar, Ruth Knechtel, Jennifer Windsor and the INKE Research Group. "Text Encoding, the Index, and the Dynamic Table of Contexts." Presentation at the annual Digital Humanities conference (DH2013), Lincoln, Nebraska. July 16-19, 2013.

Li, Tianyi, Luciano Frizzera, Milena Radzikowska, Stan Ruecker and the INKE Research Group. "Tangible Workflows: Feeling the flow of information." Presentation in the INKE ID panel "Touch-a touch-a touch-a touch me": restoring materiality to the reader, at the Canadian Society for Digital Humanities conference at the 2013 Congress of the Social Sciences and Humanities, University of Victoria. June 3-5, 2013.

Vela, Sarah, Luciano Frizzera, Mihaela Ilovan, Piotr Michura, Daniel Sondheim, Geoffrey Rockwell, Stan Ruecker and the INKE Research Group. "Manipulating Multiple Editions with the Multi-touch Variorum (MtV) Project." Presentation in the INKE ID panel "Touch-a touch-a touch-a touch me": restoring materiality to the reader, at the Canadian Society for Digital Humanities conference at the 2013 Congress of the Social Sciences and Humanities, University of Victoria. June 3-5, 2013.

Mohseni, Atefeh, Geoffrey Rockwell, Stan Ruecker and the INKE Research Group. "In Touch with E-Books." Presentation in the INKE ID panel "Touch-a touch-a touch-a touch me": restoring

materiality to the reader, at the Canadian Society for Digital Humanities conference at the 2013 Congress of the Social Sciences and Humanities, University of Victoria. June 3-5, 2013.

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Gabriele, Sandra, Gerry Derksen, Stan Ruecker, Jennifer-Roberts-Smith, Teresa Dobson, and Stéfan Sinclair. "Is the classroom ready for clients? Mediating unconventional collaborations in the classroom." Presentation at the Canadian Society for Digital Humanities conference at the 2013 Congress of the Social Sciences and Humanities, University of Victoria. June 3-5, 2013.

Sato, Keiichi, Stan Ruecker, and Gerry Derksen. "Human-Centred Design in Humanities Computing." Presentation at the Canadian Society for Digital Humanities conference at the 2013 Congress of the Social Sciences and Humanities, University of Victoria. June 3-5, 2013.

Michura, Piotr, Stan Ruecker, Gerry Derksen, Ted Pollari, and Scott Audette. "New Narratives Using Conversational Sculptures." Presentation at the 2013 annual conference of HASTAC. Toronto, Apr 25-28, 2013.

Sinclair, Stéfan, Stan Ruecker, Geoffrey Rockwell, Milena Radzikowska, Teresa Dobson, Ann Blandford, Susan Brown, and Brent Nelson with Andrew Macdonald, Daniel Sondheim, Mihaela Ilovan, Jennifer Windsor, Mark Bieber, Sarah Faisal, Alejandro Giacometti, Piotr Michura, Luciano Frizzera, Kamal Ranaweera, Carlos Fiorentino, Omar Rodriguez, Brooke Heller, Geoff Roeder, and the INKE Research Group. "Toward Tool Integration in a Digital Scholarly Environment". Presentation at the 2013 annual INKE Birds of a Feather Conference. Havana, Dec 12, 2012.

Roberts-Smith, Jennifer, and Kathryn Harvey with Teresa Dobson, Sandra Gabriele, Shawn DeSouza-Coelho, Omar Rodriguez-Arenas, Stan Ruecker, and Stéfan Sinclair. "Is There an Archivist in the Sim? : Literacy As Agency in a Post-positivist, Mixed-Media Virtual Theatre Archive." Presentation in the 2013 conference of ASTR/TLA. Dallas Nov 7-10, 2012.

Windsor, Jennifer, Mihaela Ilovan, Daniel Sondheim, Luciano Frizzera, Stan Ruecker, Stéfan Sinclair, Geoffrey Rockwell, and the INKE Research Group. "Implementing Text Analysis E-reader Tools to Create Ad-hoc Scholarly Editions." Presentation in the panel "Designing Interactive Reading Environments for the Online Scholarly Edition" at the DH2012 conference, Hamburg, Germany. July 16-20, 2012.

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Arazy, Ofer, Stan Ruecker, Omar Rodriguez, Alejandro Giacometti, Lu Zhang, and Su Chun. "Mapping the Information Science Domain." Presentation at the DH2012 conference, Hamburg, Germany. July 16-20, 2012.

Ruecker, Stan, Geoffrey Rockwell, Milena Radzikowska, and the INKE Research Group. "Introduction to Designing Interactive Reading Environments for the Online Scholarly Edition." Presentation in the panel "Designing Interactive Reading Environments for the Online Scholarly Edition" at the DH2012 conference, Hamburg, Germany. July 16-20, 2012.

Dobson, Teresa, Brooke Heller, Stan Ruecker, Milena Radzikowska, Mark Bieber, Susan Brown, and the INKE Research Group. "The Dynamic Table of Contexts: User Experience and Future Directions." Presentation in the panel "Designing Interactive Reading Environments for the Online Scholarly Edition" at the DH2012 conference, Hamburg, Germany. July 16-20, 2012.

Blandford, Ann, Sarah Faisal, Carlos Fiorentino, Alejandro Giacometti, Stan Ruecker, Stéfan Sinclair, Claire Warwick, and the INKE Research Group. "The Usability of Bubblelines: A Comparative Evaluation of Two Prototypes." Presentation in the panel "Designing Interactive Reading Environments for the Online Scholarly Edition" at the DH2012 conference, Hamburg, Germany. July 16-20, 2012.

Sondheim, Daniel, Geoffrey Rockwell, Mihaela Ilovan, Luciano Frizzera, Jennifer Windsor, Stan Ruecker, and the INKE Research Group. "From Print to the Web and Back: The Current State of Scholarly Editions." Presentation at the 2012 conference of the INKE Textual Studies Research Group: "Beyond Accessibility: Textual Studies in the 21st Century" University of Victoria, June 2-3, 2012.

Shiri, Ali, Stan Ruecker, and Emily Murphy. "Linear vs. Visual Cognitive Style and Faceted vs. Visual Interaction in Digital Library User Interfaces". Presentation in the 2012 annual conference of the Canadian Association for Information Studies (CAIS/ACSI) at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

Radzikowska, Milena Dominika and Stan Ruecker. "Prospect on Constraints: Extending rich-prospect browsing theory into decision support design." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

Frizzera, L., Ruecker, S., Radzikowska, M., Rockwell, G., Brown, S., & INKE TEAM. (2012b). Workflow Interface for Editorial Process. Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

Ilovan, Mihaela Viorica, Luciano Frizzera, Piotr Michura, Geoffrey Rockwell, Stan Ruecker, Daniel Sondheim, Jennifer Windsor, and the INKE Research Group. "Exploring humanist citation practice through visualization". Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

DeSouza, Shawnathan, Daniel So, Stéfan Sinclair, Jennifer Roberts-Smith, Teresa Dobson, Sasha Kovacs, Sandra Gabriele, Omar Rodriguez, and Stan Ruecker. "Control Freaks: An Iterative Story of Designing a Scholarly Theatrical Environment in 3D." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

Sondheim, Daniel Martin, Susan Brown, Teresa Dobson, Luciano Frizzera, Mihaela Ilovan, Milena Radzikowska, Geoffrey Rockwell, Stan Ruecker, Stéfan Sinclair, Jennifer Windsor, Christian Vandendorpe, and the INKE Research Group. "Interface to Interface Research". Presentation in the panel at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2012 Congress of the Social Sciences and Humanities, University of Waterloo May 26-June 2, 2012.

Roberts-Smith, Jennifer, Shawn DeSouza-Coelho, Teresa Dobson, Sandra Gabriele, Omar Rodriguez-Arenas, Stan Ruecker, and Stéfan Sinclair with Daniel So. "Virtual Collaboration Across Time and Space: Substance and Citation." Presentation in the panel: The Queen's Men Online: Visualizing Collaboration. Come Together: Digital Collaboration in the Academy and Beyond. Queen's University, Kingston, Ontario. May 11-13, 2012.

Ruecker, Stan, and the INKE Research Group. "New Forms of Reading." Invited presentation at the IIT Institute of Design. Design Strategy Conference. Chicago. May 9-10, 2012.

Dobson, Teresa, Stan Ruecker, Monica Brown, and Dustin Grue. "Neither Bicycles Nor Sheep: Crowdsourcing Semantic Encoding for Elements of Plot." Presentation at the conference on Scholarly Digital Editions, Tools and Infrastructure. Interedition, COST (European Cooperation in Science and Technology) Action IS0704. March 19-20, 2012, Huygens ING, The Hague, The Netherlands.

Ruecker, Stan, Geoffrey Rockwell, Stéfan Sinclair, Milena Radzikowska, Teresa Dobson, Ann Blandford, Susan Brown and Brent Nelson with Daniel Sondheim, Mihaela Ilovan, Jennifer Windsor, Mark Bieber, Sara Faisal, Alejandro Giacometti, Piotr Michura, Luciano Frizzera, Kamal Ranaweera, Carlos Fiorentino, Omar Rodriguez, and the INKE Research Group. "The beginning, the middle, and the end: new tools for the scholarly edition." Presentation at INKE: Research Foundations for Understanding Books and Reading in a Digital Age: Text and Beyond. November 18, 2011. Ritsumeikan University, Kyoto, Japan.

Rockwell, Geoffrey, Stan Ruecker, Mihaela Ilovan, Daniel Sondheim, Jennifer Windsor, and the INKE Research Group. "The Face of Interface: Studying Interface to the Scholarly Corpus and Edition." Presentation at INKE: Research Foundations for Understanding Books and Reading in a Digital Age: Text and Beyond. November 18, 2011. Ritsumeikan University, Kyoto, Japan.

Brown, Susan, Ofer Arazy, Stan Ruecker, Milena Radzikowska, Geoffrey Rockwell, Ashley Moroz, Megan Sellmer, and the INKE Research Group. "From CRUD to CREAM: imagining a rich scholarly repository interface." Presentation at INKE: Research Foundations for Understanding Books and Reading in a Digital Age: Text and Beyond. November 18, 2011. Ritsumeikan University, Kyoto, Japan.

Nelson, Brent, Stan Ruecker, Milena Radzikowska, Stéfan Sinclair, Susan Brown, Mark Bieber, and the INKE Research Group. "A Short History and Demonstration of the Dynamic Table of Contexts." Presentation at INKE: Research Foundations for Understanding Books and Reading in a Digital Age: Text and Beyond. November 18, 2011. Ritsumeikan University, Kyoto, Japan.

Radzikowska, Milena, Stan Ruecker, Chung Ta, Walter Bischof, and Fraser Forbes. "Human Decisions for a Machine World: Designing Experimental Interface Alternatives that Support Decision Making." Presentation at the International Conference on Interaction Design, Hong Kong Polytechnic, Nov 9–11, 2011.

Ruecker, Stan, Jim Allman, Jason Boyd, Susan Brown, Michael Burden, Johanna Drucker, Carlos Fiorentino, Wayne Graham, Bethany Nowviskie, Geoffrey Rockwell, Omar Rodriguez-Arenas, Milena Radzikowska. "The Visual Representation of Time." Presentation at the Canadian Women Writers Conference: Space / Place /Play. Ryerson University, Toronto, ON. Oct 27–29, 2011.

Sinclair, Stéfan, Teresa Dobson, Sandra Gabriele, Jennifer Roberts-Smith, Stan Ruecker. "Loose Media: The Play between Text and Stage in the Simulated Environment for Theatre." Presentation at the Canadian Women Writers Conference: Space / Place /Play. Ryerson University, Toronto, Ontario. Oct 27–29, 2011.

Ruecker, Stan. "Supporting Interpretative Reading." Invited presentation at the IIT Institute of Design. Design Research Conference. Chicago. Oct 25, 2011.

Shiri, Ali, Stan Ruecker, Lindsay Doll, Matthew Bouchard, and Carlos Fiorentino. "An Evaluation of Thesaurus-Enhanced Visual Interfaces for Multilingual Digital Libraries." Presentation at the International Conference on Theory and Practice of Digital Libraries (TPDL). Berlin. September 26-28, 2011.

Ruecker, Stan, Lisa M. Given with Myah Slade, Moyra Lang, Mark Bieber, Matt Bouchard, and Carlos Fiorentino. "An Interdisciplinary Digital Humanities Project on Canadian Health Information Design (CHI)." Presentation at the Osaka Symposium on Digital Humanities (OSDH2011). Osaka, Japan, Sept 12-14, 2011.

Radzikowska, Milena, Stan Ruecker, Susan Brown, Peter Organisciak, and the INKE Research Group. "Structured Surfaces for JiTR." Presentation at the Digital Humanities 2011 conference. Stanford, June 19-21, 2011.

Ruecker, Stan and the INKE Research Group. "The Paper Drill." Presentation at the Digital Humanities 2011 conference. Stanford, June 19-21, 2011.

Dobson, Teresa, Stan Ruecker, and Monica Brown. "Introduction to PlotVis as a Form of Distant Reading." Presentation at the Digital Humanities 2011 conference. Stanford, June 19-21, 2011.

Ruecker, Stan, Piotr Michura, Omar Rodriguez, and Teresa Dobson. "PlotVis: Design and Programming." Presentation at the Digital Humanities 2011 conference. Stanford, June 19-21, 2011.

Ruecker, Stan and the INKE Research Group. "Introduction to Comparative Search Visualization." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Ruecker, Stan and the INKE Research Group. "An Introduction to Corpora Interfaces." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Ruecker, Stan, Milena Radzikowska, Alejandro Giacometti, Mark Bieber, and the INKE Research Group. "Corpora Interface Prototypes." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Radzikowska, Milena, Stan Ruecker, and Chung Ta. "So, Why is this a Digital Humanities Project: An Interdisciplinary Case Study in Connecting DH, Engineering and Industry." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Radzikowska, Milena, Stan Ruecker, Susan Brown, and Jeff Antoniuk. "Slicing, Dicing, and Splicing on the Orlando Breadboard." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Grotkowski, Ali, Stan Ruecker, Sandra Gabriele, Jennifer Roberts-Smith, Stéfan Sinclair, Teresa Dobson, Annemarie Akong, Sally Fung, and Omar Rodriguez. "From Pillars of Light to Four-Legged Friends and Chess Pieces with Noses: Avatar Design for the Simulated Environment for Theatre." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2011 Congress of the Social Sciences and Humanities, University of New Brunswick, Fredericton. May 30–June 1, 2011.

Radzikowska, Milena, Stan Ruecker, and Geoffrey Rockwell. "Seeing, Thinking, Making: Students Experiment with Humanities Data Visualization." 2011 Pica Design Conference, Banff, Alberta. May 1-3, 2011.

Cunningham, Richard, Stan Ruecker, Lynne Siemens, Ray Siemens, Claire Warwick, and the INKE Research Group. "INKE at 1 1/2: The first eighteen months of a Major Collaborative Research Initiative." Invited presentation at the Digital Humanities Symposium, Hudson-Strode Graduate Program. University of Alabama, March 5, 2011.

Ruecker, Stan and the INKE Research Group. "Introducing the Dynamic Table of Contexts for Scholarly Editions." Presentation at the Modern Language Association (MLA) Conference. Los Angeles, CA. Jan 6-8, 2011.

Roberts-Smith, Jennifer, Stan Ruecker, Sandra Gabriele, Stéfan Sinclair. "The Ontology of Stage Directions." Presentation at the Pacific Northwest Renaissance Conference. Victoria, BC. Oct 21-23, 2010.

Radzikowska, Milena, Stan Ruecker, Walter Bischof, Michelle Annette, and Fraser Forbes. "Geared Decisions: Experimenting with Decision Support Visualizations." Presentation at the Design and Emotion conference. Illinois Institute of Technology. Chicago. Oct 5-7, 2010.

Brown, Susan, Jeffery Antoniuk, Mike Bauer, Jenn Berberich, Milena Radzikowska, Stan Ruecker, and Terence Yung. "How Do You Visualize a Million Links?" Presentation at the Digital Humanities 2010 conference. King's College London, July 7-11, 2010.

Organisciak, Peter, Geoffrey Rockwell, and Stan Ruecker. "The Day of DH." Presentation at the Digital Humanities 2010 conference. King's College London, July 7-11, 2010.

Menezes, Christopher, Blair Nonnecke, Susan Brown, Stan Ruecker, and Claire Warwick. "VidLog: Understanding and Visualizing Website Usage through Logfile Analysis." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Siemens, Ray, Richard Cunningham, Claire Warwick, Stan Ruecker, and the INKE Research Group. "Research Foundations for Understanding Books and Reading in the Digital Age." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Gabriele, Sandra, Stéfan Sinclair, Jennifer Roberts-Smith, Stan Ruecker, Omar Rodriguez and Marcelo Hong. "From Surface to Space: Adding a Dimension to a Theatrical Visualization Interface." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Wynne, Maryanne, Stan Ruecker, Thomas M. Nelson, Melissa Schlachter, Waleed Albakry, Michael Strong, Michael Lewcio, and Michael Plouffe. "Emotion and the Other: A Mandala Study of Children's Memories of Dreams and Waking Events." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Organisciak, Peter, Geoffrey Rockwell, Stéfan Sinclair, Stan Ruecker. "Text Analysis for me Too: An embeddable text analysis widget." Presentation at the Society for Digital Humanities/ Société

pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Ruecker, Stan, Milena Radzikowska, Mark Bieber, Shannon Lucky, Geoffrey Rockwell, Daniel Sondheim, Teresa Dobson, Karen Taylor, Stéfan Sinclair, Cyril Briquet, Jenn Ross, Christian Vandendorpe, and the INKE Research Group. "INKE Interface Design Panel on Citation Design." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Rockwell, Geoffrey, Stan Ruecker, Peter Organisciak, Megan Meredith-Lobay, Kamal Ranaweera, Julianne Nyhan. "What do we say about ourselves? An analysis of the Day of DH 2009 data." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 31-June 2, 2010.

Ruecker, Stan, Johanna Drucker, Susan Brown, Megan Meredith-Lobay, Geoffrey Rockwell, Sean Gouglas, Harvey Quamen, Victoria Smith, Sophia Hoosein, and Bethany Nowviskie. "Timelines for Conflicting Witnesses: Three Historical Case Studies." Panel presented at the Canadian Historical Association annual conference at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. May 30-June 1, 2010.

Shiri, Ali, Stan Ruecker, Carlos Fiorentino, Amy Stafford, and Matthew Bouchard. "Exploratory Interaction with Information through Visualization and Semantics: Designing a Visual User Interface Using the UNESCO Multilingual Thesaurus." Presentation at the 38th Annual Conference of the Canadian Association for Information Science at the 2010 Congress of the Social Sciences and Humanities, Concordia University, Montreal, Quebec. June 2-4, 2010.

Siemens, Ray, Stan Ruecker, and the INKE Research Group. "Framing HPC in the Humanities, Toward Understanding Foundational Points of Engagement." paper at the BCNET CANARIE Conference 2010, New Ideas for Shared Solutions. May 4-5, 2010. Vancouver, BC.

Galey, Alan and Stan Ruecker. "Design as a Hermeneutic Process: Thinking Through Making from Book History to Critical Design." Presentation at the Digital Humanities 2009 conference. University of Maryland. June 22-25, 2009.

Rockwell, Geoffrey, Stan Ruecker, Peter Organisciak, and Stéfan Sinclair. "Ubiquitous text analysis." Presentation at the Digital Humanities 2009 conference. University of Maryland. June 22-25, 2009.

Organisciak, Peter, Geoffrey Rockwell, Stan Ruecker, and Susan Brown. "Mashing Texts: Supporting collections-level text analysis." Presentation at the Digital Humanities 2009 conference. University of Maryland. June 22-25, 2009.

Arazy, Ofer, Stan Ruecker and Esther Brainin. "The Monologue of the Group: Wiki Affordances and Organizational Work." Invited paper for the 2009 conference of CORS/INFORM. Toronto, ON. June 14-17, 2009.

Given, Lisa M., Stan Ruecker, Martina King, Moyra Lang, and Myah Slade. "Health information online: An examination of consumers' experiences in managing complex health regimes." Presentation at Mapping the 21st Century Information Landscape: Borders, Bridges and Byways – the 37th Annual Conference of the Canadian Association for Information Science. Ottawa ON, June 2009.

Giacometti, Alejandro, John Simpson, Chris Lepine, and Stan Ruecker. "Online Social Networking for Pre-existing Groups: the Scouts Canada CampSite Project." Presentation at the Society for Digital

Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Giacometti, Alejandro, Mariana Paredes Olea, and Stan Ruecker. "Tell me what those blogs are about: comparing corpus-based automatic keyword generation for blog posts with folksonomic tagging." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Michura, Piotr, Stan Ruecker, Carlos Fiorentino, and Milena Radzikowska. "Text as image: visualization components of text analysis tools." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Uszkalo, Kirsten C. and Stan Ruecker. "Conjuring and Transmogrifying: A Review of Two Digital Tools in the Context of Studying Early Modern Witchcraft Trials." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Brown, Susan, Blair Nonnecke, Stan Ruecker, and Claire Warwick. "Studying Orlando's Interfaces." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Ruecker, Stan, Lisa Given, Martina King, Moyra Lang, Myah Slade, and Carlos Fiorentino. "User Information for the Design of Visual Interfaces for Health Information and the Management of Complex Health Regimes." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Rockwell, Geoffrey, Stan Ruecker, and Peter Organisciak. "A Day in the Life of the Digital Humanities." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Rockwell, Geoffrey, Stan Ruecker, Stéfan Sinclair, Susan Brown, and Peter Organisciak. "Mashing Texts: Exploring New Possibilities in Rapid Research Document Management." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Uszkalo, Kirsten C. and Stan Ruecker. "With His Tongue: Searching for Malefic Sexuality." Presentation at the Canadian Renaissance Society annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 23-25, 2009.

Brown, Susan, Jeffery Antoniuk, Sharon Farnel, Isobel Grundy, Stan Ruecker, Matt Patey, Stéfan Sinclair, and Milena Radzikowska. "Making Sense of Literary History: The Dense Associative Web of Orlando." Presentation at the third Digital Humanities and Computer Science (DHCS) Colloquium. Nov 1–3, 2008. Chicago: University of Chicago, 2008.

MacDonald, Andrew, Amit Kumar, Matt Bouchard, Alejandro Giacometti, Matt Patey, Milena Radzikowska, Piotr Michura, Carlos Fiorentino, Stan Ruecker, Catherine Plaisant, and Stefan Sinclair. "Dozens of Little Radio Stations: Getting Technologies Talking in the MONK Workbench." Presentation at the third Digital Humanities and Computer Science (DHCS) Colloquium. Nov 1–3, 2008. Chicago: University of Chicago, 2008.

Giacometti, Alejandro, Stan Ruecker, Ian Craig, Gerry Derksen, and Milena Radzikowska. "Introducing the Ripper Interface for Text Collections." Presentation at the Canadian Symposium on Text Analysis (CaSTA) Conference: New Directions in Text Analysis. A Joint Humanities Computing, Computer Science Conference at University of Saskatchewan, Saskatoon, October 16-18, 2008.

Paredes-Olea, Mariana, Stan Ruecker, Carlos Fiorentino, and Fraser Forbes. "Using an Affordance Strength Approach to Study the Possible Redeployment of Designs for Decision Support Visualization." Presentation at the 9th Advances in Qualitative Methods Conference 2008. Banff, Canada. October 8-11, 2008.

Uszkalo, Kirsten C. and Stan Ruecker. "A Book is not a Display: A Theoretical Evolution of the E-Book Reader." Presentation in the panel "The Building Blocks of the New Electronic Book" chaired by Ray Siemens at the Digital Humanities 2008 conference. Oulu, Finland. June 25-29, 2008.

Sinclair, Stéfan, Stan Ruecker and John Unsworth. "Hackey: A Rapid Online Prototyping Game for Designers and Programmers." Presentation at the Digital Humanities 2008 conference. Oulu, Finland. June 25-29, 2008.

Ruecker, Stan, Milena Radzikowska and Stéfan Sinclair. "Hackfests, Designfests, and Writingfests: The Role of Intense Periods of Face-to-Face Collaboration in International Research Teams." Presentation at the Digital Humanities 2008 conference. Oulu, Finland. June 25-29, 2008.

Sinclair, Stéfan, Andrew Macdonald, Matthew Bouchard, Mike Plouffe, Alejandro Giacometti, Amit Kumar, Milena Radzikowska, Stan Ruecker, Piotr Michura, Carlos Fiorentino, Matthew Kirschenbaum, and Catherine Plaisant. "Late Nights at the Scriptorium: Interim Results from the Interface Cell of the MONK Project." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2008 Congress of the Social Sciences and Humanities, University of British Columbia. June 2-3, 2008.

Moore, Christopher, Alan Galey, and Stan Ruecker. "Registers of Usage: Results from Usability Testing of the Electronic New Variorum Shakespeare." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2008 Congress of the Social Sciences and Humanities, University of British Columbia. June 2-3, 2008.

Brown, Susan, Patricia Clements, Isobel Grundy, Stan Ruecker, Jeffery Antoniuk, Sharon Balazs, Stéfan Sinclair and Matt Patey. "Thinking Beyond the Text: Using the Mandala Browser to Explore Orlando." Presentation at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2008 Congress of the Social Sciences and Humanities, University of British Columbia. June 2-3, 2008.

Ruecker, Stan, Ray Siemens, Geoffrey Rockwell, and Harvey Quamen. "Into Something Rich and Strange: The Digital Humanities in the Humanities." Panel presented at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2008 Congress of the Social Sciences and Humanities, University of British Columbia. June 2-3, 2008.

Michura, Piotr, Stan Ruecker, Milena Radzikowska, and Carlos Fiorentino. "The Novel as a List of Words." *The Potential and Limitations of a List: an International Transdisciplinary Workshop.* At the Center for Theoretical Study, the Charles University and the Philosophical Institute of the Academy of the Sciences of the Czech Republic, Prague. Nov 8-9, 2007.

Ruecker, Stan, Milena Radzikowska, Susan Brown, Thomas M. Nelson, Isobel Grundy, Patricia Clements, Sharon Balasz, Jeff Antoniuk, and Stéfan Sinclair. "The Dynamic Table of Contents: Extending a Venerable List in a Digital Context." *The Potential and Limitations of a List: an International Transdisciplinary Workshop.* At the Center for Theoretical Study, the Charles University and the Philosophical Institute of the Academy of the Sciences of the Czech Republic, Prague. Nov 8-9, 2007.

Brown, Susan, Patricia Clements, Isobel Grundy, Stan Ruecker, Jeffery Antoniuk, and Sharon Balasz. "'Countless Links': Qualitative Query Potential in *Orlando*." Second Annual Chicago Colloquium on Digital Humanities and Computer Science: Querying text and image archives for collaborative scholarship. October 21-22, 2007. Northwestern University. Evanston, Illinois.

Ruecker, Stan and Stéfan Sinclair. "Multilevel Displays and Document Blueprinting: Dynamic Browsing Using XML Structures and Text Features." Presentation at the Digital Humanities 2007 conference. University of Illinois at Urbana-Champaign. June 4-7, 2007.

Vandendorpe, Christian, Stan Ruecker, and Stéfan Sinclair. "Explorations in a variety of interfaces for the reading of a database." Presentation in Society Panel (SDH/SEMI) at the Digital Humanities 2007 conference. University of Illinois at Urbana-Champaign. June 4-7, 2007.

Wynne, Maryanne, Stan Ruecker, Thomas M. Nelson, Waleed Albakry, Michael Strong, Michael Lewcio, and Michael Plouffe. "The rich prospect of tension, affiliation and reward: from social capital to image analysis." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. University of Saskatchewan, Saskatoon. May 28-30, 2007.

Fiorentino, Carlos, Stan Ruecker, Piotr Michura, Milena Radzikowska. "Dial "R" for Repetition." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. University of Saskatchewan, Saskatoon. May 28-30, 2007.

Michura, Piotr, Stan Ruecker, Carlos Fiorentino, and Milena Radzikowska. "A Text Is a String of Words." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. University of Saskatchewan, Saskatoon. May 28-30, 2007.

Radzikowska, Milena, Stan Ruecker, Carlos Fiorentino, and Piotr Michura. "The Novel as Slot Machine." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. University of Saskatchewan, Saskatoon. May 28-30, 2007.

Uszkalo, Kirsten C. and Stan Ruecker. "Playing with Witchcraft: Digitizing, Structuring, and Visualizing Early Modern English Witchcraft Texts." Presentation at the Rooms of Their Own: Women in the Knowledge Economy and Society conference. University of Alberta, Edmonton. May 2-4, 2007.

Brown, Susan, Stan Ruecker, Jeffrey Antoniuk, Sharon Balasz, Patricia Clements, and Isobel Grundy. "Interfaces for Reading Women's Writing History." Presentation at the Women Writing and Reading conference. University of Alberta, Edmonton. May 4-6, 2007.

Sinclair, Stéfan, Anthony Sapp, and Stan Ruecker. "Experimental Reading: A Humanities Visualization Toolset for the TEI." Presentation at the TEI Annual Members' Meeting. Victoria, BC. October 27-28, 2006.

Ruecker, Stan. "Experimental Interfaces for the Dynamic Visual Grouping of Data During Browsing." Invited paper for Access 2006. Library Technology Conference. Ottawa, Ontario. Oct 11-14, 2006. Invited as the "Annual David Binkley Paper on Emerging Technology Award", sponsored by Gibson Library Connections.

Ruecker, Stan. "Proposing an Affordance Strength Model to Study New Interface Tools." Presentation at the Digital Humanities 2006 conference, at the Sorbonne, Paris, France. July 5-9, 2006.

Ruecker, Stan, Ximena Rossello, Greg Lord, and Milena Radzikowska. "The Clear Browser: Visually Positioning an Interface for Data Mining by Humanities Scholars." Presentation at the Digital Humanities 2006 conference, at the Sorbonne, Paris, France. July 5-9, 2006.

Chow, Rosan and Stan Ruecker. "The Many Arts of Designing Research." Presentation at the Workshop on Explaining Design as a Research Activity. Designing Interactive Systems (DIS 2006). Penn State. June 26-8, 2006.

Ruecker, Stan, Michael Lewcio, Michael Plouffe, and Maryanne Wynne. "I never forget a face: A rich-prospect image browser for conferences." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. York University, Toronto. May 29-31, 2006.

Anvik, Karl, Ali Shiri, Ximena Rossello, and Stan Ruecker. "A Tabular Thesaurus Browser to Support Multilingual Queries." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. York University, Toronto. May 29-31, 2006.

Cheypesh, Oksana, Constanza Pacher, Sandra Gabriele, Stéfan Sinclair, Drew Paulin and Stan Ruecker. "Centering the mind and calming the heart: mandalas as interfaces." Presentation at the Society for Digital Humanities (SDH/SEMI) conference. York University, Toronto. May 29-31, 2006.

Given, Lisa, Bess Sadler, Stan Ruecker, and Andrea Ruskin. "Similarity Clustering as a Design Principle for Digital Collections: Creating Usable Interfaces for Seniors." Presentation at the conference of the American Society for Information Science and Technology (ASIS&T) 2005. Charlotte, North Carolina. Oct 28 - Nov 2, 2005.

Ruecker, Stan. "Visual Arrangement of Content in Rich-Prospect Browsing Interfaces." Invited paper for Access 2005. Library Technology Conference. Edmonton, Alberta. Oct 17-8, 2005.

Ruecker, Stan, Stéfan Sinclair, and Milena Radzikowska. "The Aesthetic Function: The role of visual communication design in interface research." Presentation at the Joint International Conference of the Association for Literary and Linguistic Computing (ALLC) and the Association for Computers and the Humanities (ACH). Victoria, BC. June 15-18, 2005.

Ruecker, Stan. "The Electronic Book Table of Contents as a Research Tool." Presentation at the President's Panel. Congress of the Humanities and Social Sciences: Consortium for Computers in the Humanities / Consortium pour Ordinateurs en Sciences Humaines (COCH/COSH) Annual Conference. London, Ontario. May 27- 30, 2005.

Ruecker, Stan, Lisa M. Given, Bess Sadler, and Andrea Ruskin. "Building Accessible Web Interfaces for Seniors: Similarity Clustering of Pill Images." Presentation at the Include 2005 conference. London. Helen Hamlyn Institute. Royal College of Art. April 5-8, 2005.

Ruecker, Stan and Zachary Devereaux. "Scraping Google and Blogstreet for Just-in-Time Text Analysis." Presentation at CaSTA 2004: The Face of Text. 3rd conference of the Canadian Symposium on Text Analysis, McMaster University, Hamilton, Ontario. November 19-21, 2004.

Homich, Eric, Stefan Sinclair, and Stan Ruecker. "Text Document Prospect." Presentation at the Joint International Conference of the Association for Literary and Linguistic Computing (ALLC) and the Association for Computers and the Humanities (ACH). Göteborg, Sweden. June 11-16, 2004.

Ruecker, Stan and Susan Liepert. "Strategies for Creating Rich Prospect in Interfaces." Presentation at the Joint International Conference of the Association for Literary and Linguistic Computing (ALLC) and the Association for Computers and the Humanities (ACH). Göteborg, Sweden. June 11-16, 2004.

Ruecker, Stan, Stefan Sinclair, and Eric Homich. "Watching the Script." Presentation at the Congress of the Humanities and Social Sciences: Consortium for Computers in the Humanities / Consortium pour Ordinateurs en Sciences Humaines (COCH/COSH) Annual Conference. Winnipeg, Manitoba. May 29- June 6, 2004.

Ruecker, Stan. "Traces of Previous Use: The Communicational Possibilities of Interaction Histories."
Presentation at the Communicational Spaces conference. University of Alberta, Edmonton May 1-
4, 2003.

Ruecker, Stan and Rosan Chow. "The significance of the affordances of prospect in interfaces to health-
related Web sites." Presentation at the Human Factors in Universal Design conference. University
of Alberta, Edmonton October 24-5, 2002.

Ruecker, Stan. "Intimacy through private language in the letters of Lady Mary Wortley Montagu."
Presentation at the British Society for Eighteenth Century Studies conference. Oxford January 3-
5, 2001.

Ruecker, Stan. "Carrying the pleasure of books into the design of the electronic book." Presentation at the
First International Workshop on Pleasure in Design. Copenhagen April 9-12, 2000.

REFEREED CONFERENCE POSTERS

Brown, Susan, Linda Cameron, Mihaela Ilovan, Olga Ivanova, Ruth Knechtel, Brent Nelson, Stan Ruecker,
Stéfan Sinclair and members of the INKE Research Group. "Regenerations: Online Open Access
Edition Using the Dynamic Table of Contexts." Poster/demo at the Canadian Society for Digital
Humanities/ Société canadienne des humanités numériques (CSDH/SCHN) annual conference at
the 2015 Congress of the Social Sciences and Humanities, University of Ottawa, June 1-3, 2015.

Brown, Susan, Nadine Adelaar, Teresa Dobson, Ruth Knechtel, Andrew MacDonald, Brent Nelson, Milena
Radzikowska, Geoff Roeder, Stan Ruecker, Stéfan Sinclair, Jennifer Windsor, Ernesto Peña.
"Probing Digital Scholarly Curation through the Dynamic Table of Contexts." Poster at DH2014
Lausanne, July 7-10, 2014.

Derksen, Gerry, and Stan Ruecker. "Demonstrating Data Using Storyboard Visualization Tool." Demo at
the 6th International Symposium on Visual Information Communication and Interaction (VICI).
Tianjin, Aug 17-18, 2013.

Given, Lisa, Ali Grotkowski, Quinn Fletcher and Stan Ruecker. "Customizable Avatars for a Health
Information System: An Exploratory Design." Poster presented at the conference of the American
Society for Information Science and Technology (ASIS&T) 2010. Pittsburgh, PA, Oct. 22-27, 2010.

Roberts-Smith, Jennifer, Teresa Dobson, Sandra Gabriele, Stan Ruecker, and Stéfan Sinclair, Matt
Bouchard, Shawn DeSouza-Coelho, Annemarie Akong, David Lam, Omar Rodriguez, and Karen
Taylor. "English Theory and Theatre Practice: Watching the Script and the Simulated
Environment for Theatre." Poster presented at the Digital Humanities 2010 conference. King's
College London, 7-11 July 2010.

Dobson, Teresa M., Michael Eberle-Sinatra, Stan Ruecker, Shannon Lucky, and the INKE Research Group.
"Citation Rhetoric Examined" / "Une évaluation de la rhétorique des citations scientifiques." Poster
presented at the Digital Humanities 2010 conference. King's College London, 7-11 July 2010.

Radzikowska, Milena, Stan Ruecker, Walter F. Bischof, Michelle Annett, and Fraser Forbes. "Sprockets for
Gears: Interactive Decision Support Visualization for Multi-Modal Industries." Poster presented
at the Chicago Colloquium on Digital Humanities and Computer Science. Chicago, The Illinois
Institute of Technology, Nov. 14-16, 2009.

Stafford, Amy, Ali Shiri, Stan Ruecker, Matthew Bouchard, Paras Mehta, Karl Anvik, and Ximena Rossello.
"Making Sense of Interface Design: Implementing Searchling, a Visual Thesaurus-Enhanced
Interface for Multilingual Digital Libraries." Poster presented at the third Digital Humanities and
Computer Science (DHCS) Colloquium. Nov 1–3, 2008. Chicago: University of Chicago, 2008.

Ruecker, Stan, Carlos Fiorentino, Cristina Arias, Matt Bouchard, Veselin Ganev, Ofer Arazy, and Eleni Stroulia. "Visualizing Relative Wiki Contributions." Poster presented at the third Digital Humanities and Computer Science (DHCS) Colloquium. Nov 1–3, 2008. Chicago: University of Chicago, 2008.

Brown, Susan, Patricia Clements, Isobel Grundy, Stan Ruecker, Jeffrey Antoniuk, and Sharon Balasz. "Teaching Texts Anew: Orlando's Digital Literary History." Poster presented at the Society for the History of Authorship, Reading and Publishing International Conference. Oxford. June 24-26, 2008.

Gainor, Rhiannon, Lisa Given, Stan Ruecker, Andrea Ruskin, Bess Sadler, and Heather Simpson. "Visualization as a Research and Design Approach for LIS: Exploring Seniors' Use of a Visual Search Interface." Poster presentation at the 6th International Conference on Conceptions of Library and Information Science: "Featuring the Future." Boras, Sweden: Swedish School of Library and Information Science, University College of Boras & Goteborg University. 13-16 August 2007.

Shiri, Ali, Stan Ruecker, Karl Anvik and Ximena Rossello. "Thesaurus-enhanced Visual Interfaces for Multilingual Information Retrieval." Poster presentation at ASIS&T. Austin, Texas. 3-8 November 2006.

Shiri, Ali, Stan Ruecker, Karl Anvik and Ximena Rossello. "Rich Prospect Visual Interfaces for Multilingual Query Enhancement Using Thesauri." Poster presentation at CaSTA 2006. Breadth of Text: A Joint Computer Science and Humanities Computing Conference. Fredericton, New Brunswick. 11-14 October, 2006.

PANELS

Ruecker, Stan. (2016). "Cognición y Pensamiento de Diseño." Panel at Universidad Nacional de Colombia. Especialización en Pedagogía del Diseño, Especialización en Diseño y, Desarrollo de Producto, Escuela de Diseño Industrial, Escuela de Diseño Gráfi co, Maestría en Diseño, Facultad de Artes. Bogota, Colombia. Aug 28-Sept 3, 2016.

Ruecker, Stan, Geoffrey Rockwell, Peter Organisciak, Jean-Guy Meunier, Ray Siemens, Michael Eberle-Sinatra, Alan Galey, Aimee Morrison. "Graduate Education in the Digital Humanities." Panel at the Society for Digital Humanities/ Société pour l'étude des médias interactifs annual conference at the 2009 Congress of the Social Sciences and Humanities, Carleton University, Ottawa, Ontario. May 25-27, 2009.

Ruecker, Stan. "Faculty Members and Graduate Students." Moderator Cara Leitch. Panel at the Canadian Symposium on Text Analysis (CaSTA) Conference: New Directions in Text Analysis. A Joint Humanities Computing, Computer Science Conference at University of Saskatchewan, Saskatoon, October 16-18, 2008.

Ruecker, Stan. "Text Analysis Developers' Alliance (TADA) and T-REX." Moderator Stéfan Sinclair. The Digital Humanities 2008 conference. Oulu, Finland. June 25-29, 2008.

Ruecker, Stan. "Predicting the future of humanities computing over the next 50 years." Moderator Joyce Tam. Bridging Dimensions: 2003 Humanities Computing Graduate Conference. University of Alberta. Edmonton. Dec 4-5, 2003.

Ruecker, Stan. "Who Needs the Social Sciences?" Moderator Rosan Chow. The Good, The Bad, and The Irrelevant Conference. Sponsored by COST 269: User Aspects of Information and Communications Technologies. University of Art and Design. Helsinki, Finland. Sept 3-5, 2003. Published in an online video archive.

INVITED PRESENTATIONS AND PUBLIC LECTURES (NON-CONFERENCE)

Ruecker, Stan and Jennifer Roberts-Smith. "New Knowledge in Design Research." Invited presentation to Dalian University of Technology. Dalian, China. November 27, 2017.

Ruecker, Stan, Milena Radzikowska, Jennifer Roberts-Smith, Monica Porteanu, Eunmi Moon, and Miriam Salah. "The Problem of Validity in Design Research." Invited public presentation for the Master of Design Program at the National University of Colombia, Bogota. Nov 14, 2017.

Ruecker, Stan, Jennifer Roberts-Smith, Joao Ricardo Bruning Alves, Yasmin Galdino Lins De Moura, Filipe Artur Honorato Ferreira De Souza, and Ruanivalson Santos E. Santos. "Collaborating on the Show Before the Show." Invited presentation at the meeting of the INKE Partnership for Networked Open Social Scholarship. Toronto, Ontario. Sept 7-8, 2016.

Ruecker, Stan. "Prototyping to Address the Research Question." Invited Presentation to Universidad Nacional de Colombia. Especialización en Pedagogía del Diseño, Especialización en Diseño y, Desarrollo de Producto, Escuela de Diseño Industrial, Escuela de Diseño Gráfi co, Maestría en Diseño, Facultad de Artes. Bogota, Colombia. Aug 28-Sept 3, 2016.

Ruecker, Stan. "The Digital is Gravy." Invited presentation at 3DH: Three Dimensional Dynamic Data Visualization and Exploration for Digital Humanities Research. University of Hamburg, June 25, 2016.

Ruecker, Stan. "What Does the Term 'Research' Mean to Designers?" Invited presentation at the University of Illinois at Urbana-Champaign. April 26, 2016.

Ruecker, Stan. "Selling Products and Services as a Side Effect of Managing Information." Invited presentation at Federal University of Alagoas (UFAL), CTEC (Center of Technology), Alagoas, Maceió, Brazil. Mar 14, 2016.

Ruecker, Stan. "The PhD in Design." Invited presentation at the Annual Meeting of Coordinators of Design PhD Programs in Brazil. Unisinos, Porto Alegre, Rio Grande de Sul. Nov 13, 2015.

Ruecker, Stan. "Can designers encourage emergent use of products and systems?" Invited presentation at the Federal University of Rio Grande do Sul, Porto Alegre, Brazil. Oct 7, 2013.

Ruecker, Stan. "Innovation, Competitiveness, and Design". Invited presentation at the Bettanin Group Center, Porto Alegre, Brazil. Oct 9, 2013.

Ruecker, Stan. "Management to Increase the Value of Business Innovation". Invited presentation at the Bettanin Group Center, Porto Alegre, Brazil. Oct 9, 2013.

Ruecker, Stan. "The Role of Interactive Visualization in Design Management". Invited presentation at Unisinos, Porto Alegre, Brazil. Oct 11, 2013.

Dobson, Teresa, Stan Ruecker, and Piotr Michura. "'Open the Door and Walk In': Extending Approaches to Modeling Narrative Texts." Invited presentation at the Jagellonian University. Krakow, Poland. March 13, 2012.

Ruecker, Stan. "Text Visualization and the Interpretative Process." Invited presentation at Hamilton College, Clinton NY. Nov 4, 2011.

Ruecker, Stan, Carlos Fiorentino, Michael Burden, Omar Rodriquez, and Susan Brown. "The Visualization of Uncertainty in Time." Invited presentation for the Humanities Computing Research Colloquium series. TAPoR and CIRCA, University of Alberta. Sept 22, 2011.

Ruecker, Stan and the INKE Research Group. "Text Visualizations Transform Reading." TEDxJuanDeFuca. April 30, 2011.

Ruecker, Stan. "Impact of the Institute for Digital Humanities, Media, & Culture." Invited presentation at Texas A&M. Feb 24, 2011.

Ruecker, Stan and the INKE Research Group. "Envisioning New Knowledge Environments." Invited presentation at University of Illinois at Urbana-Champagn. Feb 14, 2011.

Ruecker, Stan and Susan Liepert. "Recent Developments in Humanities Visualization." Invited presentation at the Academy of Fine Arts. Krakow, Poland. Nov 9, 2010.

Ruecker, Stan, and the INKE Research Group. "In, Around, and Beyond the Electronic Book: INKE designs and prototypes to make working with digital text more enjoyable and rewarding." Invited presentation for the London Seminar in Digital Text & Scholarship at University College London. Oct 21, 2010.

Ruecker, Stan. "Design and Humanities Computing." Invited presentation at Reading University. Oct 14, 2010.

Ruecker, Stan. "The Responsibilities of the Designer in Experimental Interface Research." Invited presentation at the Institute of Design, Illinois Institute of Technology. Oct 26, 2010.

Ruecker, Stan. "The Ocular Proof: Humanities Visualization in Action." Invited presentation at King's College London. Sept 9, 2010.

Ruecker, Stan. "Interactive Visualization for the Humanities." Invited presentation at the iSchool. University of Toronto. June 3, 2010.

Ruecker, Stan. "Applying Rich-Prospect Browsing Concepts to CWRC". Invited presentation at the 2010 symposium of the Canadian Writing Research Collaboratory. University of Alberta, May 1, 2010.

Ruecker, Stan. "Computing and the Humanities." Invited presentation at the Department of Computing Science Open House. University of Alberta. Oct 17, 2009.

Ruecker, Stan and the INKE Research Group. "Horizons of the Digital Humanities: Experimental Interface Design and the INKE Project." Invited address at Digital Humanities 101. University of North Carolina, Charlotte. Oct 9, 2009.

Ruecker, Stan. "Humanities Visualization for Teaching and Research: Affordance and Prospect." Invited Opening Address at the 2009 Digital Literacy Summer Institute. University of British Columbia. July 6, 2009.

Ruecker, Stan. "From SQL to Mandalas, From Spreadsheets to Oil & Water: The Practice of Humanities Interface Design." Invited presentation at the second symposium of TRUTH: Teaching and Research Using Technology in the Humanities. University of Victoria. April 3, 2009.

Ruecker, Stan. "Computing and the Humanities." Invited presentation at the Department of Computing Science Open House. University of Alberta. Oct 25, 2008.

Ruecker, Stan. "Humanities Computing: Arts for the Next 100 years." Invited presentation at the University of Alberta Open House. Sept 15, 2008.

Sinclair, Stéfan, Milena Radzikowska, and Stan Ruecker. "Interdisciplinary Collaboration by Design." Invited presentation at the iMatter Workshop (McMaster University), May 5, 2008.

Ruecker, Stan. "18 Research Projects in Humanities Visualization." Invited presentation to the first Edmonton City Pecha Kucha Night. Edmonton Next Gen. May 1, 2008.

Ruecker, Stan. "Humviz, NORA, and MONK: Supporting User Experiments with Digital Collections." Community-Engaged Research 08: Annual Showcase and Conference. Edmonton, Alberta. March 14, 2008.

Ruecker, Stan, Milena Radzikowska and Susan Liepert. "The Introduction of Radical Change in Human-Computer Interfaces." An-Institut Deutsche Telekom Laboratories, Technische Universität Berlin. Feb 19, 2008.

Sinclair, Stéfan, Milena Radzikowska, Piotr Michura, and Stan Ruecker. "Dynamic Lists and Humanities Visualization." Center for Theoretical Study, the Charles University and the Philosophical Institute of the Academy of the Sciences of the Czech Republic, Prague. Nov 9, 2007.

Ruecker, Stan and Milena Radzikowska. "Rich-Prospect Interfaces and Text Visualization: Collaborative Research in Design and Humanities Computing." Academy of Fine Arts, Krakow, Poland. October 23, 2007.

Ruecker, Stan. "The Research Potential of Transferability." University of Maryland. April 24, 2007.

Ruecker, Stan. "Pattern finding in large text collections: making life easier for EFS scholars." March 14, 2006. University of Alberta, Edmonton, AB.

Ruecker, Stan. "A History of Information Design." March 9, 2006. McMaster University, Hamilton, ON.

Ruecker, Stan. "Performance Benchmarking." March 9, 2006. McMaster University, Hamilton, ON.

Ruecker, Stan. "Crystallizing the Process: the Clear Browser for Data Mining". Jan 12, 2006. University of Victoria, Victoria, BC.

Ruecker, Stan. "Affordances of Prospect in Computer Interfaces." Aug 27, 2005. Rock Hill, South Carolina: Department of Art and Design, Winthrop University.

Ruecker, Stan. "TAPoR à la Carte: Interfaces to Support Experimentation." The Text Analysis Summit: Reflecting on the Past and Planning a Collaborative Future. Hamilton, ON. McMaster University. May 2-4, 2005.

Ruecker, Stan. "Electronic Text Browsing Interfaces." Institute lecture. Victoria, B.C. Digital Humanities Summer Institute. June 12, 2005.

Ruecker, Stan. "Humanities Visualization." Invited 20-minute presentation for "Computing in the Arts," Information and Communications Technology Forum. University of Alberta. Jan 24, 2005.

Ruecker, Stan. "New Affordances for Electronic Texts." Invited 30-minute presentation for "Literacy in a Digital World," Professional Development Day 2005 at the School of Library and Information Studies, University of Alberta. Feb. 11, 2005.

Ruecker, Stan. "Sees All; Knows All; Tells All: The Virtues of Browsing Interfaces." One hour public lecture sponsored by the User Experience Group of Southern Alberta. Nov. 23, 2004.

Ruecker, Stan and Aimée Morrison. "Working on the Design of the Orlando Interface." Keynote address. Victoria, B.C. Digital Humanities Summer Institute. June 19, 2004.

Ruecker, Stan. "Sensual Pleasures: The Design of the Electronic Book." One hour public lecture sponsored by the Department of Communication, Mount Royal College, Calgary Alberta. Nov. 10, 2003.

Ruecker, Stan. "Affordances of Prospect: or why it's a good idea to be able to see more." 90 minute public lecture sponsored by the Department of Art and Design at the University of Alberta. Nov. 27, 2002.

Ruecker, Stan. "The Bi Sheng Electronic Book: More Like a Book; Less Like a Computer." Group show in FAB associated with the DESSOC 1999 conference (Sept. 30 to Oct. 3, 1999).

Ruecker, Stan. "The Bi Sheng Electronic Book: More Like a Book; Less Like a Computer." Individual design show in the U of A FAB Gallery (Aug. 24 to Sept. 5, 1999).

RESEARCH REPORTS

Brandt, Di, Andrew Bretz, Susan Brown, Lynn Copeland, Patricia Demers, Michael Eberle-Sinatra, Daniel Fischlin, Dean Irvine, Ashok Mathur, Hannah McGregor, Robyn Read, Susan Rudy, Stan Ruecker, Ray Siemens, Chantal Savoie, Stephen Slemon, Robin Sokoloski, Ron Walker, Darren Wershler, Ann Wilson. (2010). "Lasting Change: Sustaining Digital Scholarship and Culture in Canada." Report of the Sustaining Digital Scholarship for Sustainable Culture Group.

Frascara, Jorge, Stan Ruecker, and Bernie Roessler. (2006). "Information Design Review Project: Phase 2." Canadian Collaboration of Academic Detailers. 121 pages.

Frascara, Jorge, and Stan Ruecker. (2005). "Final Report." The Alberta Drug Utilization Program. 6 pages.

BOOK REVIEWS

Ruecker, Stan. Review of Frascara, Jorge (ed). 2015. *Information Design as Principled Action: Making Information Accessible, Relevant, Understandable, and Usable*. Common Ground Publishing. 328 pages. ISBN-10: 1612297854. ISBN-13: 978-1612297859. *Design Issues*. Summer 2016, 32(3) 118–119.

Ruecker, Stan. Review of Fishwick, Paul A. (ed). 2006. *Aesthetic Computing*. Cambridge, Mass.: The MIT Press. 457 pages. ISBN 0-262-06250-X (alk. paper). *Literary and Linguistic Computing. 22*(3), 370-372. 2007.

AWARDS

Day of DH. Winner of the 2014 CSDH/SCHN Outstanding Contribution Award.

AWARD-WINNING SOFTWARE

Giacometti, Alejandro, Stan Ruecker, Ian Craig, and Gerry Derksen. "Ripper Browser." Tied for first place in Best Tool category. 2008 T-REX (TADA Research Evaluation eXchange). Hamilton: McMaster University, 2008.

Brown, Susan, Jeffery Antoniuk, Sharon Balazs, Patricia Clements, Isobel Grundy, and Stan Ruecker. "Degrees of Connection." Tied for first place in Best Tool category. 2008 T-REX (TADA Research Evaluation eXchange). Hamilton: McMaster University, 2008.

Fiorentino, Carlos, Stan Ruecker, Piotr Michura, Milena Radzikowska. "Magic Circle." First place in Best Idea for New Tool category. 2008 T-REX (TADA Research Evaluation eXchange). Hamilton: McMaster University, 2008.

E. RESEARCH FUNDING

RESEARCH PROPOSALS – FUNDED

2014 CAPES and CnPQ (Co-app). "Strategic Design in Brazil." Requested $30,000 over 3 years. Funded $30,000.

2013 Steelcase Industry Research Partnership (PI). "Human-Centered Design of Future Contextual Information Delivery Services and Systems." Requested $215,000 over 1 year. Funded $215,000.

2012 Grainger Industry Research Partnership (PI). "Human-Centered Design of Interactive Visualizations as Mediating Objects for Conversation." Requested $125,000 over 9 months. Funded $125,000.

2011 SSHRC Standard Research Grant. (Co-App). "Simulated Environment for Theatre (SET): Analyzing Theatre as Digital Language and Virtual Performance." PI Jennifer Roberts-Smith at University of Waterloo. Requested $50,000 of project total of $248,950 over 3 years. Received $43,500 of project award of $150,650.

2010 SSHRC Research Development Application. (PI). "Mapping Information Science, 1994-present." Requested $39,964 over 2 years. Funded $39,964.

2010 SSHRC Standard Research Grant. (Co-app). "Text Mining and Visualization for Literary History" PI Susan Brown (U of A). Requested $40,000 of project total of $249,962 over 3 years. Funded $30,000 of project award of $150,000.

2010 SSHRC Standard Research Grant. (Co-app). "Just What Do They Do?" PI Geoffrey Rockwell (U of A). Requested $32,804 of project total of $164,022 over 3 years. Funded $32,804 of project award of $164,022.

2010 SSHRC Information, Text, and Sound Technology. (PI). "Speculative Timelines." Requested $49,500 over 2 years. Funded $49,500.

2010 SSHRC Information, Text, and Sound Technology. (Co-app). "The Mandala Browser for Qualitative Data Analysis." PI Teresa Dobson (UBC). Requested $10,000 of project total of $49,800 over 2 years. Funded $10,000 of project award of $49,800.

2010 SSHRC Information, Text, and Sound Technology. (Co-app). "Viral Analytics." PI Stéfan Sinclair (McMaster). Requested $12,000 of project total of $50,000 over 2 years. Funded $12,000 of project award of $50,000.

2009 SSHRC Major Collaborative Research Initiative (MCRI). (Co-app). "Implementing New Knowledge Environments (INKE)." PI Ray Siemens (U of Victoria). Requested $768,820 of project total $3,683,300 (including cash contributions) over 7 years. Funded $768,820 of project award of $3,683,300.

2009 SSHRC Information, Text, and Sound Technology. (Co-app). "Throwing Bones: A Semi-supervised Classification and GIS-based System for Early Modern Witchcraft Trial Documents." PI Kirsten C. Uszkalo (Simon Fraser University). Requested $10,000 of project total $49,950 over 1 year. Funded $3,500 of project award of $49,950.

2009 SSHRC Information, Text, and Sound Technology. (Co-app). "Watching the Script." PI Jennifer Roberts-Smith (U of Waterloo). Requested $15,000 of project total of $49,700 over 1 year. Funded $15,000 of project award of $49,700.

2009 SSHRC Information, Text, and Sound Technology. (Co-app). "Multilingual Thesaurus-enhanced Visual Interfaces for Digital Libraries." PI Ali Shiri (U of A). Requested $22,750 of project total $45,500 over 1 year. Funded $22,750 of project award of $45,500.

2009 SSHRC Information, Text, and Sound Technology. (Co-app). "Six Degrees of Separation in Digital Literary History." PI Susan Brown (U of A and U of Guelph). Requested $12,000 of project total $50,000 over 1 year. Funded $12,000 of project award of $50,000.

2008 NSERC Collaborative R&D. (Co-app). "Decision Support for Multi-mode Oil Sands Operations." PI Fraser Forbes (U of A). Requested $67,000 of project total $460,000 over three years. Funded $67,000 of project award $460,000.

2008 U of Alberta Faculty of Arts Dean's Discretionary Fund. (PI). "INKE MCRI Presentation to SSHRC." Requested $1,500 for travel to present in Ottawa. Funded $1,500.

2008 SSHRC Information, Text, and Sound Technology. (PI). "Mandala: Visualization Interfaces for Searching Online Collections." Requested $50,000 over 1 year. Funded $50,000.

2008 SSHRC Information, Text, and Sound Technology. (Co-app). "Orlando's Faces: Developing Interfaces for Second-Generation Text Technologies." PI Susan Brown (U of A and U of Guelph). Requested $12,000 of project total $50,000 over 1 year. Funded $12,000 of project award of $50,000.

2007 Killam Travel Fund. (PI). "The Design of an Interdisciplinary Project Charter." Requested $5,000 for travel to present at the Designing Interactive Systems Conference in Cape Town, Feb 2008. Funded $5,000.

2007 SAS EFF. (PI). "Searchling Multilingual Thesaurus Interface User Study." Requested $7,000 over 1 year. Funded $3,640.

2007 SAS EFF Travel. (PI). "HCI-Book MCRI Presentation to SSHRC." Requested $1,453 for travel to present in Ottawa. Funded $1,453.

2006 Andrew W. Mellon Foundation. (Co-app). "Metadata Opens New Knowledge (MONK)." PI John Unsworth (UIUC). Requested US$100,000 of project total US$1,000,000 over 2 years. Funded US$100,000 of project award US$1,000,000.

2006 SSHRC Standard Research Grant. (Co-app)."The Pill Identification Project." PI Lisa Given (U of A). Requested $27,500 of project award $230,000 over 3 years. Funded $27,500 of project total of $169,626.

2006 Killam Small Projects Grant. (PI). "Usability of Experimental Interfaces for Online Scholarly Editing." Requested $9,900 over 1 year. Funded $9,900.

2006 SSHRC Major Collaborative Research Initiative (MCRI) LOI. (Co-app). "HCI Book." PI Ray Siemens (U of Victoria). Requested $20,000. Funded $20,000.

2006 NSERC Discovery Grant. (PI). "Useful and Meaningful Variation of Representation in Browsing Interfaces." Requested $90,000 over three years. Funded $45,000.

2006 SSHRC Major Collaborative Research Initiative (MCRI) LOI. (Co-app). "Orlando Canada." PI Patricia Clements (U of A). Requested $20,000. Funded $20,000.

2006 SSHRC Strategic Research Cluster LOI. (Co-app). "HCI Book." PI Ray Siemens (U of Victoria). Requested $20,000. Funded $20,000.

2006 SSHRC Strategic Research Cluster LOI. (Co-app). "iMatter." PIs Geoffrey Rockwell (McMaster) and Lynne Hughes (Concordia). Requested $20,000. Funded $20,000.

2005 Andrew W. Mellon Foundation. (Subaward). "NORA: Visualization Interface Design." PI John Unsworth (UIUC). Requested Cdn$50,000 of project total US$600,000 over 18 months. Funded $50,000 of project award US$600,000.

2005 Academic Detailing. (Subaward). "Print Education Materials Evaluation: Performance-based Redesign." PI Malcolm Maclure. Requested $28,000 over 1 year. Funded $28,000.

2005 Prairie Centre of Excellence for Research on Immigration and Integration (PCERII). (Co-app). "Transnational Adoption." PI Sara Dorow (U of A). Requested $25,000 over 1 year. Funded $25,000.

2005 HFASSR Travel Grant. (PI). "Building accessible web interfaces for seniors: Similarity clustering of drug images." Requested $1,200 travel to present at Include 2005. Funded $1,200.

2004 HFASSR Operating Grant. (PI). "Association of Children's Colour Preferences with Recollection of Affective State." Requested $7,000 over 1 year. Funded $7,000.

2004 EFF SAS Conference Travel Fund. (PI). "Comparing Issue Crawling and Just-in-Time Text Analysis on Information Design and Visualization Research." Requested $2,575 for travel to present at Design Systems Evolution, the 6th international conference of the European Academy of Design, March 29-31 2005, University of the Arts, Bremen, Germany. Funded $2,575.

2004 SSHRC Image, Text, Sound and Technology Summer Institute, Workshop, and Conference Grants. (Collaborator). "The Text Analysis Summit: Reflecting on the Past and Planning a Collaborative Future." PI Stefan Sinclair (McMaster). Requested $29,427. Funded $29,427.

2004 SSHRC Standard Research Grant. (PI)."The Humanities Visualization Project." Requested $240,000 over 3 years. Funded $130,000.

2004 HFASSR Conference Travel Fund. (PI). "Strategies for Creating Rich Prospect in Interfaces." Requested $1,400 for travel to present at the 2004 ALLC/ACH conference in Göteborg, Sweden. Funded $1,400.

2003-4 Killam Post-doctoral Research Fellowship. (PI). "Multi-document Text Visualization." Requested $42,000 over 2 years. (Second year honorary only). Funded $42,000.

1999-2003 SSHRC Doctoral Fellowship. (PI). "Ecological Interface Design." Requested $49,500 over 3 years. Funded $49,500.

STUDENT AWARDS

2003	University of Alberta Dissertation Fellowship	$18,000
2000–2003	Walter M. Johns Memorial Fellowship total	$14,000
2000–2002	SSHRC Graduate Research Fellowship total	$36,000
1999	University of Alberta PhD Scholarship	$18,000
1999	Province of Alberta Graduate Scholarship	$3,500
1987	University of Toronto Open Fellowship for Graduate Studies	$8,100
1981–1985	Saskatchewan Government Undergraduate Proficiency Awards total	$1,800
1983	Lutheran Life Academic Achievement Award	$1,200
1982	Luther College General Proficiency Award	$750

1980	2 Entrance Scholarships	$1,500
	(U. of Regina and Luther College)	
1980	Greenall High School Award of Excellence	
	for the top male graduate of the year	

F. TEACHING

In addition to a wide range of invited talks and guest lectures in dozens of locations, I have taught courses in a total of 8 programs at 4 universities: University of Illinois, Illinois Institute of Technology, University of Alberta, and University of Regina.

UNIVERSITY OF ILLINOIS
PRIMARY INSTRUCTOR

ARTD 270: Design Methods
> I am teaching this 16-week course for juniors in Fall 2018.

ARTD 595: Graduate Studio on Using Prototypes in Research for Publication
> I designed and taught this 16-week course in Spring 2017 and Fall 2018.

ARTD 445: Graduate Seminar in Strategic Design
> I taught this 16-week graduate seminar in Spring 2018.

ARTD 451: Undergraduate Introduction to Design Research
> I taught this 16-week undergraduate seminar in Spring 2018.

ARTD 445: Graduate seminar in Design Research
> I taught this 16-week undergraduate seminar in Fall 2017.

Independent Study Classes
INFO 597 Fall 2018 Independent Study for Cliff Shin on design research
INFO 597 Fall 2018 Independent Study for Gerry Derksen on design research
INFO 510 Fall 2018: Research Practicum for John Capozzo on design for crop science analytics
ARTD 591 Fall 2017 Special Topics for Natalie Smith on Strategic Design
INFO 399 Fall 2017 Independent Study for Nick Su: Research on 3D Design for Conversation Modeling
INFO 510 Fall 2017 Research Practicum for Juan de la Rosa on Prototyping in Design Research
INFO 510 Fall 2017 Research Practicum for Monica Porteanu on Anticipatory Systems
INFO 510 Fall 2017 Research Practicum for William Gillespie on Narrative Visualization
INFO 597 Fall 2017 Independent Study for Priscilla Ferronato on Design Research Methods
INFO 597 Fall 2017 Independent Study for Juan de la Rosa on Values in Infrastructure
INFO 597 Fall 2017 Independent Study for Monica Porteanu on Design for Social Good
ARTD 591 Summer 2017 Design for Social Good (online)
INFO 510 Spring 2017 Research Practicum for Priscilla Ferronato on Physical Modeling for Interpretation

IIT INSTITUTE OF DESIGN
PRIMARY INSTRUCTOR

IDN 687: Philosophical Foundations of Design Research
> I taught this 6-week graduate seminar in Fall 2016.

IDN 685: Principles and Methods of Design Research
> I taught this 6-week graduate seminar in Fall 2015 and Fall 2016.

IDX 597: Design Ethics
> I designed and taught this 6-week graduate seminar in Fall 2015 and Fall 2016.

IPRO 497–207: User Interfaces for Novel Computer-Aided Drug Design Tools
> I co-designed and co-taught this interdisciplinary undergraduate course with David Minh from Chemistry in Fall 2015 and Spring 2016.

IDN 470: English for Designers
> I proposed and co-designed this one-year full-time program and taught the foundational readings course from Fall 2014-Fall 2016.

DES 580: Interaction Design Research
> I designed and taught this graduate research workshop in Spring 2013.

DES 580: Writing as Sketching
> Hugh Musick and I designed and taught this graduate writing seminar in Fall 2012.

DES 685: PhD Research Seminar
> I co-taught this seminar with Keiichi Sato in Spring 2012 and solo in Spring 2014, 2015, and 2016.

DES 598: Understanding Context
> I taught this course twice each year from Fall 2011 to Spring 2014.

DES 580: Advanced Understanding Context
> I designed and taught this graduate writing seminar in Spring 2012.

DES 580: Prototyping for Hermeneutic Inquiry
> I designed and taught this graduate research studio in Fall 2011.

UNIVERSITY OF ALBERTA HUMANITIES COMPUTING PROGRAM
PRIMARY INSTRUCTOR

HUCO 530: Project Management
> I developed a new version and taught this 1st-year core course in the M.A. in Humanities Computing program in Winter 2008 and Winter 2009.

HUCO 617: Research Methods
> I developed and taught this 2nd-year elective course in the M.A. in Humanities Computing program in Fall 2005, Winter 2006, and Fall 2008.

HUCO 614: Knowledge Management and Analysis in the Humanities
> I developed and taught this 2nd-year elective course in the M.A. in Humanities Computing program in Fall 2004 and Fall 2005.

HUCO 618: Directed Readings
> In Fall 2008, I taught three reading courses:
>
> - Design and Icon Use in Libraries
> - Practicum - Project Management
> - Experimental Interface Design
>
> In Fall 2007, I taught one reading course, called "Experimental Interface Design."
>
> In Fall 2005, I taught three reading courses to HUCO students. The titles of the courses were:
> - Games: Beyond Entertainment
> - Online Research
> - Critical Discourse Analysis

HUCO 500: Survey of Humanities Computing
>   I co-taught this core course in the M.A. in Humanities Computing program in Fall 2004 with Dr. Sean Gouglas. I taught it as sole instructor in Fall 2005 and Fall 2009.

HUCO 510: Theoretical Issues in Humanities Computing
>   I taught this core course in the M.A. in Humanities Computing program in Winter 2005.

UNIVERSITY OF ALBERTA HUMANITIES COMPUTING PROGRAM
PRIMARY CO-INSTRUCTOR

HUCO 520: Technical Concepts and Approaches in Humanities Computing
>   I co-taught this core course in the M.A. in Humanities Computing program in Fall 2004 with Dr. Sean Gouglas.

UNIVERSITY OF ALBERTA MASTER OF COMMUNICATION TECHNOLOGY (MACT) PROGRAM
PRIMARY INSTRUCTOR

EXT 598: User-Centered Design
>   In Winter 2009, I taught this elective as an online reading course to 7 graduate students.

EXT 506: Creating and Maintaining Communication Networks
>   I taught this core spring intensive course as part of the Master of Communication Technology (MACT) program offered by the Department of Extension, University of Alberta, in spring sessions 2006, 2007, 2008, and 2009.

EXT 597: Directed Readings
>   In Fall 2007, I taught one reading course to a student in the MACT program. The course was called "Participatory Multimedia."

EXT 551: Understanding Computing Projects: Application Design Issues for Communications Professionals
>   I developed and taught this web-based course as part of the Master of Communication Technology (MACT) program offered by the Department of Extension, University of Alberta, first in summer session 2001, and again as a directed reading course in summer 2002.

UNIVERSITY OF ALBERTA MASTER OF COMMUNICATION TECHNOLOGY (MACT) PROGRAM
GRADUATE TEACHING ASSISTANT

EXT 504: Organizational Communication
>   I was the online TA for this core course in the MACT program, dealing with topics involving organization theory, organizational behavior, and organizational communication.

EXT 501: Applied Research in Communications and Technology
>   I was the online TA for this core course in research methods for the MACT program.

UNIVERSITY OF ALBERTA DEPARTMENT OF ART AND DESIGN: VISUAL COMMUNICATION DESIGN
PRIMARY INSTRUCTOR

DES 496: Image II
>   In winter 2003 I taught this undergraduate course in the creation of complex images for communication. University of Alberta Department of Art and Design.

DES 483: Design Issues
>   I delivered 3 sections of this senior undergraduate design seminar for the Department of Art and Design at the University of Alberta during winter session 2001, and another section in winter 2004. I also taught a graduate reading course in this area in winter 2004.

DES 3/4/537: Introduction to Digital Image-making
> A full-year course in visual communication design. I taught it three times. Intersession 1998, 1999, and 2002. University of Alberta Department of Art and Design.

UNIVERSITY OF ALBERTA DEPARTMENT OF ART AND DESIGN: VISUAL COMMUNICATION DESIGN
GRADUATE TEACHING ASSISTANT

DES 490: Concepts and Systems in Visual Communication Design
> A full-year core course involving research and development for organizational communications. 1998-9. University of Alberta Department of Art and Design.

UNIVERSITY OF REGINA DEPARTMENT OF ENGLISH
GRADUATE TEACHING ASSISTANT

English 100: English composition.
> A half-year introductory course. 1982-4. I was assistant three times, teaching composition to one class each week throughout the course.

WORKSHOPS AND SEMINARS: VARIOUS LOCATIONS

Designing Preferred Futures. In fall 2017- spring 2018, I co-taught this workshop four times: twice at the National University in Bogota, again in ETCR Jaime Pardo Leal in Guaviare, Colombia, and finally in Krakow, Poland. Participants used Dator's 4 Futures as a framework for "bringing prototypes back from the future."

A Narrative Game for Participatory Design. In July 2017, I co-taught with inventor Dalsu Ozgen this one-day workshop, using a prototype narrative storyboard for identifying key opportunities for growth at the American Theological Library Association (ATLA) in Chicago.

Digital Tools for Literary History. June 2012, with Susan Brown, I co-taught another iteration of this advanced seminar, which we first offered in 2009. It was a week-long daily course for computing humanists at the Digital Humanities Summer Institute, at the University of Victoria, Victoria, BC.

Visualization for Literary History. June 2011, with Susan Brown, Geoffrey Rockwell, and Stéfan Sinclair, I co-taught a one-day workshop at DH2011 in Stanford.

Digital Tools for Literary History. June 2009, with Susan Brown, I co-taught an advanced seminar. It was a week-long daily course for computing humanists at the Digital Humanities Summer Institute, at the University of Victoria, Victoria, BC.

Experimental Interface Design. June 2007, with Alan Galey and Matthew Bouchard, I co-taught an advanced seminar. It was a week-long daily course for computing humanists at the Digital Humanities Summer Institute, at the University of Victoria, in Victoria, BC.

Electronic Books. June 19-24, 2006, with Ray Siemens (UVic) and Teresa Dobson (UBC), I co-taught an advanced seminar/consultation on the design of the electronic book. It was a week-long daily course for computing humanists at the Digital Humanities Summer Institute, at the University of Victoria, Victoria, BC.

Design for Humanities Computing. March 7, 2006 with Sandra Gabriele from York, I co-taught introductory and advanced sessions on design theory and practice at McMaster University, Hamilton, ON.

Multimedia Design. June 25-30, 2004, with Aimée Morrison, I co-taught an intermediate course in multimedia design. It was a week-long daily course for computing humanists at the Digital Humanities Summer Institute, at the University of Victoria, Victoria, BC.

ESL. In 1998 I was employed as an ESL tutor by graduate students from Mexico City, Hong Kong, and Taiwan who wished to improve their written and spoken English. Weekly workshops focused on professional vocabulary and issues of style in academic writing.

Time Management. I delivered this two-hour guest seminar (using Excel and Illustrator) 3 times in 1999 to graduate students, 5 times in Jan 2000, twice in Jan 2002, and twice in Jan 2004 to undergraduate students in the University of Alberta Department of Art and Design.

Introduction to Filemaker Pro. Introduction to Style Sheets. Introduction to HTML. I taught these three half-day seminars on 4 occasions for the University of Saskatchewan Extension Division from 1993-7.

G. GRADUATE SUPERVISION

SUPERVISOR (10 COMPLETED; 8 IN PROGRESS)

Claudia Grisales (PhD, Informatics & Design), in progress
Gerry Derksen (PhD, Informatics & Design), in progress
Cliff Shin (PhD, Informatics & Design), in progress
Yaguang Sun (PhD, Informatics & Design), in progress
Juan de la Rosa (PhD, Informatics & Design), in progress
Monica Porteanu (PhD, Informatics & Design), in progress
Priscilla Ferronato (PhD, Informatics & Design), in progress
William Gillespie (PhD, Informatics & Design), in progress

Derek Pennycuff (MA, Communications & Technology), defended Aug 2010.
    Website Optimization Among Tennessee Community Colleges
Camille Jensen (MA, Communications & Technology), defended Aug 2010.
    Situated Inter-organizational Communication: Identifying the conditions for collaborative writing progress through a community of practice
Dan Manolescu (MA, Humanities Computing/Interdisciplinary), defended Sept 2009.
    Is it Possible to Regulate the Internet Globally?: a Comparative Case Study of the Cybercrime Framework in Canada and Romania
Wayne Williams (MA, Communications & Technology), defended Sept 2009.
    CURVIS: A Multiple-Prospect Visualization Tool for Developing and Sharing Curriculum Knowledge
Alejandro Giacometti (MA, Humanities Computing/Interdisciplinary), defended June 2009.
    The Texttiles Browser: An Experiment in Rich-Prospect Browsing for Text Collections
Tamara Trull (MA, Communications & Technology), defended Sept 2008.
    Appreciative Inquiry as a Tool in the Creation of a Multi-Media Informational Package for Victims
Rodney Klatt (MA, Communications & Technology), defended April 2008.
    The Influence of Social Networks on Business Effectiveness
Karl Anvik (MA, Humanities Computing/Modern Languages & Cultural Studies), defended Sept 2007.
    Human-Computer Pragmatics: From Habermas's Theory to User Centric Design
Junli Feng (MA, Humanities Computing/Interdisciplinary), defended Sept 2006.
    Grassroots Blogging Practice in America and China
Jing Zhou (MA, Humanities Computing/Interdisciplinary), defended Sept 2006.
    Location and Allocation of English-Chinese Kindergartens in the City of Edmonton

CO-SUPERVISOR (5 COMPLETED; 4 IN PROGRESS)

Amanda Geppert (PhD, Design), co-supervisor Laura Forlano, in progress
Roberto Faller (PhD, Design), co-supervisor Carlos Teixeira, in progress

Jaime Rivera (PhD, Design), co-supervisor Tom MacTavish, in progress
Santosh Basapur (PhD, Design), co-supervisor Keiichi Sato, in progress

Michael Lewcio (MA, Humanities Computing/Interdisciplinary), co-supervisor Geoffrey Rockwell, defended Sept 2011. Thesis title: *The Delegate Browser: Assessing the Usefulness of Rich-Prospect Browsing for Managing Social Capital Online*
Matthew Bouchard (MA, Humanities Computing/Interdisciplinary), co-supervisor Sean Gouglas, defended March 2010. Thesis title: *The Null Game: Feature-Specific Player Enjoyment in Massively Multiplayer Online Role Playing Games*
Cristina Arias (MA, Humanities Computing/Interdisciplinary), co-supervisor Ofer Arazy, defended Sept 2009. Thesis title: *Visualizing Wiki Author Contributions in Higher Education*
Camilo Arango (MSc, Computing Science), co-supervisor James Hoover, defended Sept 2009. Thesis title: *Visualization of Course Requisites*
Hongshan Liu (MA, Humanities Computing/Interdisciplinary), co-supervisor Laifong Leung, defended Jan 2006. Thesis title: *From Print to Cyberspace: New Developments in Chinese Literature in the Age of the Internet*

INTERNAL EXAMINER (31 COMPLETED; 2 IN PROGRESS)

Mohammad Amanzadeh (PhD, Informatics) in progress
John Capozzo (PhD Informatics), in progress

Athir Mahmud (PhD, Technical Communications), defended May 2016
Milena Radzikowska (PhD, MLCS/Humanities Computing), defended May 2015
Halcyon Lawrence (PhD, Technical Communications), defended April 2013
Eric Swanson (PhD, Design), defended April 2013
Lisa-Ann Robertson (PhD, English & Film Studies), defended Jan 2013
Ahmad Jasem Fakhra (PhD, Design), defended Nov 2012
Robyn Taylor (PhD, Computing Science), defended June 2012

Hua He (MSc, Computing Science), defended July 2011
Peter Organisciak (MA, Humanities Computing/Library & Information Studies), defended Aug 2010
Alicia Hibbert (MA, Humanities Computing/Anthropology), defended April 2010
Kathleen Reed (MA/MLIS, Humanities Computing/Library & Information Studies), defended April 2010
Andrew Keenan (MA, Humanities Computing/Interdisciplinary), defended Nov 2009
Janice Trueman (MA, Humanities Computing/Interdisciplinary), defended Sept 2009
Zenobia Hurley (MA, Humanities Computing/Interdisciplinary), defended Sept 2009
Martina King (MA/MLIS, Humanities Computing/Library & Information Studies), defended Sept 2009
Sergiy Kozakov (MA, Humanities Computing/Interdisciplinary), defended Sept 2008
Dale Storie (MA/MLIS, Humanities Computing/Library & Information Studies), defended Sept 2008
Rhiannon Gainor (MA/MLIS, Humanities Computing/Library & Information Studies), defended Jan 2008
Artem Medvedev (MA, Modern Languages & Cultural Studies), defended Sept 2007
Robert Ackroyd (MA, Humanities Computing/Interdisciplinary), defended Sept 2007
Ben Chu (MSc, Computing Science), defended Sept 2007
Isabel Klint (MA, Humanities Computing/Linguistics), defended Jan 2007
Markus Wust (MA/MLIS, Humanities Computing/Library & Information Studies), defended Sept 2006
Waleed Albakry (MA, Humanities Computing/Modern Languages & Cultural Studies), defended Sept 2006
Robyn Taylor (MSc, Computing Science), defended Jan 2006
Jingjun Ha (MA, Humanities Computing/Interdisciplinary), defended April 2006
Oksana Cheypesh (MA, Humanities Computing/Interdisciplinary), defended Jan 2006
Olaf Ellefson (MA, Humanities Computing/Philosophy), defended Oct 2005.
Zachary Devereaux (MA, Political Science), defended April 2005
Nazia Karamuth (MA, Humanities Computing/Modern Languages & Cultural Studies), defended Jan 2005
Wioletta Polanski (MA, Humanities Computing/Art & Design), defended Jan 2005

EXTERNAL EXAMINER (2 COMPLETED)

Ernesto Peña (PhD, Department of Language & Literacy, University of British Columbia), in progress
Voytek Bialkowski (MI, Faculty of Information, University of Toronto), defended July 2011

H. SERVICE

SERVICE: UNIVERSITY OF ILLINOIS

Art and Design Ad-Hoc Promotion and Tenure Committee (2018)
Art and Design Graduate Programs Committee (2017 – 2018)
Illinois Chancellor's Office Strategic Plan: Arts Task Force (2018)
Illinois Arts Research Institute Planning Committee (2017)
Fellow of the College of Fine and Applied Arts Design Research Initiative (2016 – 2018)
Art and Design Faculty Search Committee (2016)

PREVIOUS SERVICE: IIT AND IIT INSTITUTE OF DESIGN

IIT Academic Unit Committee on Promotion and Tenure (2016)
IIT Campus Committee on Promotion and Tenure (2016)
IIT ID Coordinator, English For Designers Program (2014 – 2016)
IIT ID Coordinator, PhD Program (2013 – 2106)
IIT ID Coordinator, Visiting Researchers Program (2013 – 2016)
IIT Research Council (2012 – 2016)
IIT ID Chair, Faculty Search Committee (2014 – 2015)
IIT Online Teaching Task Force (2013)
IIT ID Co-coordinator, Visiting Researchers Program, with Keiichi Sato (2012 – 2013)
IIT ID Co-coordinator, PhD Program, with Keiichi Sato (2012 – 2013)
IIT ID Information Technology Strategy Committee (2011 – 2012)
IIT Graduate Studies Committee (2011 – 2012)

PREVIOUS SERVICE: UNIVERSITY OF ALBERTA

Humanities Computing Visiting Speakers Program (2005, 2009 – 2010)
Department of English and Film Studies Fellowships Committee (2009 – 2011)
Member of Research Board, Text Analysis Portal for Research (TAPoR) (2008 – 2011)
School of Library and Information Studies Advisory Council (2006 – 2011)
Humanities Computing Admissions Committee (2004 – 2011)
Humanities Computing Program Advisory Council (2004 – 2011)
Master of Arts in Communications and Technology Design Studies Committee (2009)
Humanities Computing. Chair of Committee to establish a PhD in Digital Arts (2008 – 2009)
Master of Arts in Communications and Technology Advisory Council (2006 – 2009)
Member of Editorial Board, University of Alberta Press (2008 – 2009)
Department of Music Hiring Committee (2008)
Founding Member, Experimental Reading Workshop (2004 – 2006)

ONGOING SERVICE: NATIONAL AND INTERNATIONAL

Member of Editorial Board, *Strategic Design Research Journal* (2017 – present)
Reviewer, *She Ji — The Journal of Design, Economics, and Innovation* (2015 – present)
Reviewer, *Interdisciplinary Science Reviews* (2014 – present)
Member of Advisory Board, *Visible Language* (2013 – present)
Reviewer, *Literary and Linguistic Computing* (2010 – present)
Reviewer, *Digital Studies* (2010 – present)
Member of Advisory Board, *Digital Studies/Le champ numérique* (2008 – present)
Reviewer, Digital Humanities (international conference) (2006 – present)
Reviewer, Canadian Society for Digital Humanities (CSDH/SCHN) (national conference) (2006 – present)

PREVIOUS SERVICE: NATIONAL AND INTERNATIONAL

Member of Board of Directors of the Canadian Institute for Research in Computing and the Arts (CIRCA), University of Alberta (2009 – 2011)
Consultant, Canadian Writing Research Collaboratory (CWRC) national infrastructure project (2011-2014)
Reviewer, *Information Visualization* (2010)
Reviewer, *Journal of Computer-Mediated Communications* (2008 – 2009)
Reviewer, International Association of Societies for Design Research (IASDR) (conference) (2007)
Member of Board of Directors, Society for Community-Inspired Active Mindsets (SCIAM) (2004 – 5)
Founding Member, Health Information Design Network (HIDN) (2004)
Consultant, Canadian Research Knowledge Network (CRKN) (2004)

PROGRAM REVIEWS

Cooper, Tom and Stan Ruecker. (2005). "Quality Assurance Review: Multimedia Studies Program." University of New Brunswick. 12-page report.

COLLABORATIVE PLANNING SYMPOSIA

Planning symposium for the Canadian Writing Research Collaboratory. April 30-May 2, 2010. University of Alberta. PI Susan Brown.
Planning symposium for MCRI LOI on the Canadian HCI E-Book Interface Research Network. Oct 28-9, 2006. Hotel Grand Pacific, Victoria. PI Ray Siemens.
Planning symposium for Strategic Research Cluster and MCRI LOI on the Canadian HCI E-Book Interface Research Network. Jan 13-4, 2006. University of British Columbia, Vancouver. PI Ray Siemens.
Planning symposium for CFI proposal for SSH e-journals by the Canadian Research Knowledge Network. March 18-9, 2005. Montreal. PI Leslie Wier.
Planning symposium for MCRI LOI on E-Text Interfaces Project. Jan 8-9, 2005. University of Victoria. PI Ray Siemens.

ORGANIZATION OF SCHOLARLY EVENTS

Co-organizer of the Design Research Initiative Panel Series on Research in Design at University of Illinois. Spring 2018.
Principal organizer of the 1st Meeting of Coordinators of North American Design and Design-related PhD Programs, Illinois Institute of Technology, Institute of Design. Chicago. April 28-30, 2016.
Principal organizer of the INKE project interface design symposium entitled Reading 2.0: The future of reading. Illinois Institute of Technology, Institute of Design. Chicago. Sept 18-20, 2014.

I. MEMBERSHIP IN PROFESSIONAL SOCIETIES

Association for Computing Machinery (ACM) (2015 – present)
Association for Computing in the Humanities (ACH) (2005 – present)
Society for Digital Humanities/Société pour l'étude des médias interactifs (SDH/SEMI) (2005 – present)
Canadian Historical Association (2010)
Modern Language Association (2010)
Renaissance Society of Canada (2009)
Text Encoding Initiative (2006)

J. RESEARCH GOALS AND ACCOMPLISHMENTS

BRIEF EARLY HISTORY

By way of background, I began my career in design in the early 1990s as a book designer at the University of Saskatchewan. I had previous degrees in English (1985 and 1987) and Computer Science (1989), which gave me a good start; when I returned in the late 1990s to complete a terminal, thesis-based MDes (1999) at the University of Alberta, I expanded this interest into the design of human-computer interfaces for the future of reading. I subsequently also earned an interdisciplinary PhD in English and Art & Design

(2003), with a specialization in Humanities Computing. My primary supervisor was Dr. Patricia Clements, one of the principal investigators on the Orlando Project, a groundbreaking digital history of women's writing in the British Isles; my secondary supervisor was Jorge Frascara, well-known internationally for his work in information design. In 2004, I was a Killam Post-Doctoral Research Fellow in the Digital Humanities (supervised by Stéfan Sinclair), though I declined the award's second year of funding in order to take up a tenure-track post in Digital Humanities at the University of Alberta—a program which I had helped to create some years earlier as a member of its interdisciplinary planning committee.

CHARACTERIZING DESIGN RESEARCH

The international academic design community has been debating for at least the past 25 years what research in design means. 25 years ago, people new to the field were largely educated using the master-apprentice model that is still common in some schools today. I understand academic design research to be distinct from the design research that occurs in a typical design project. The scholarly activity is a form of new knowledge production where the approach is distinct from both the sciences and the humanities, but is shared by other fields such as architecture, engineering, and medicine, as well certain research traditions within, for example, chemistry, math, computer science, and nanotechnology. What these fields share is a generative aspect, where prototypes can be created, not in a sequence converging on a new commodity, but instead in writing or addressing a research question. I have been publishing and presenting this idea and its implications around the world, and my supervision in the PhD program is based on it.

I also believe that both design and design research are fundamentally interdisciplinary. Design operates at a level distinct from the particular content domain that is chosen for any given use case. A systems designer, for instance, might work in any field where a system is involved, ranging from transportation to healthcare to multi-modal industry. Similarly, a communication designer may work on any material, medium, or technology used to communicate any kind of information, ranging from printed interview transcripts to digital systems for visualizing XML-encoded primary documents.

MY CONTRIBUTIONS TO DESIGN RESEARCH

My research is in the areas of information design and communication design; however, these terms may be misleading. My information design research has its focus on ways for people to start with the same information and understand what it implies from as many valid perspectives as possible. In communication design research, I am finding ways for people to communicate across differences of vocabulary, education, personal history, and cultural assumptions. To that end, the dissemination of results includes a book, 100 papers, and 150 academic presentations. The successful research grant proposals have addressed 93 different research questions.

The contributions of this work fall into several areas. First is rich-prospect browsing theory, which suggests an approach to the design of visualization-based interfaces to reasonably small data collections–typically under 10,000 items. There are a surprisingly large number of them, and I have examined their various aspects using dozens of different contexts and prototypes. The work is based on J. Appleton's research on habitat theory.

Second is my research on the design of new affordances for reading. After completing a federally-funded 7-year project, my team had developed experimental prototypes to address a wide range of research questions. The results have begun finding application in Susan Brown's Canadian Writing Research Collaboratory (CWRC), which is a national infrastructure for humanities scholarship that is using some of my research results as the basis for its core functionality.

My third research area is experimenting with physical interfaces dedicated to qualitative analysis. Federally funded by the government of Brazil, this basic research has been yielding results that are increasingly convincing. We are showing that the outcome of analysis processes that include spatial and kinesthetic intelligence are significantly improved over other forms of collaborative qualitative analysis. In particular, it seems that this kind of modeling encourages its users to discover, in an emergent way, multiple valid perspectives on the data. We foresee applications in participatory design, user-centered research, and strategic planning.

DESIGN RESEARCH AND SOCIAL INNOVATION

I think this topic merits its own section. As I've said, a common goal running through my various research projects is to increase the positive impact of design on the world. With this in mind, I have made contributions to a wide array of digital and physical tools and assets, as well as a number of processes and systems.

At the level of the individual, I have helped create tools that make digital media more accessible and useful to people with particular physical or cultural needs. A "pill browser" for seniors provides a tailored search system for identifying medications. A multi-lingual thesaurus makes digital materials searchable across multiple languages. A re-designed summary document and corresponding set of best practices aims to improve dissemination of medical information to isolated rural doctors. This work is founded in inclusive design and human-centered design practice.

At the institutional level, I have worked to make my own discipline more inclusive. The annual "Day of DH" event that I helped launch in 2009 provides a common forum for a thinly dispersed international community of scholars. Last year's event, hosted in Madrid, brought together more than 200 digital humanists from dozens of countries. I have also advocated for fairness in publication practices in the Digital Humanities and beyond, co-creating and applying an interdisciplinary Research Project Charter that protects the contributions of all participants.

The most ambitious industry project I have undertaken involved Steelcase, a three-billion-dollar privately owned company. Working with their international team of information architects, I guided a radical redesign of their information ecosystem. The result removes the constraints of hierarchy, allowing people to begin their explorations wherever they want and create their own path through the information. My co-investigator at Steelcase, Don Hendriksen, neatly summarized the core of this project: "Hierarchy is arrogance." This issue is particularly important where a power gradient strongly favours those who produce digital materials over those who make use of them.

Internationally, I work with colleagues to address social inequities by promoting more democratic access to information and other resources. I am currently part of a consortium with Polish and Brazilian researchers to implement design strategies for enhancing citizen engagement. We have already conducted a series of joint workshops in the US and Brazil, and have begun user-testing a simple, low-fidelity tool for communicating and understanding different points of view within a group setting. I am also a member of the Scientists Without Borders federal innovation program in Brazil. We are in the middle of a three-year research project to improve design methods for strategic thinking, with the aim of supporting economic development that has a broad local base. These efforts grow out of my engagement with Paulo Freire's *Pedagogy of the Oppressed* (1968), a book that has been foundational to my thinking as an academic since the late-1990s.

K. CONSULTING EXPERIENCE

SGML RESEARCH

Orlando Project (1999 – 2010). During 1999-2000 I was a graduate research assistant on the Orlando Project, an electronic history of women's writing in the British Isles, produced collaboratively by the University of Alberta and the University of Guelph. My responsibilities included tagging text in SGML (standard generalized mark-up language) and using XSL (extensible mark-up language) style sheets for web delivery. I continue working with the Orlando Project, as an associate researcher in interface design.

PROJECT MANAGEMENT

SHL Systemhouse. From 1991-1993, I worked as a systems analyst responsible for a total of three projects. I managed interdisciplinary teams ranging from 3 to 12 people, including consultants from other firms, our own staff, and clients. My responsibilities included writing technical reports and documentation, running small group meetings, and acting as a liaison between the technical and executive spheres.

ARTIFICIAL INTELLIGENCE PROGRAMMING

Natural Language Technologies, Inc. I worked as a researcher with this software development firm from 1989 to 1991. We designed and documented syntactic analysis tools for use in grammar checkers, computer games, and database interfaces. I was computational syntactician, and also supervised the computational lexicographers and programmers. Prior to my work with NLT, I was employed by GigaText, a machine translation company for whom I helped create an English analysis prototype.

TECHNICAL WRITING

Breckman-White Educational Consultants. From 1990-1991, I edited and formatted evaluation reports for remote band-managed schools. Prior to my work with Breckman-White, I also wrote technical documents for Statistics Canada, Synthetic Realities Inc., and the University of Saskatchewan's POS Pilot Plant.

DESIGN CONSULTING

Various clients. From 1994-2004 I ran my own consulting company, completing a wide range of projects in government, education and industry. One aim of my work was to make existing research in design, communication theory, and the social sciences available for solving 'real world' problems. Projects include:

- The design and documentation of a sales management database for Factor X Solutions, building on Lucy Suchman's analysis of human-machine interaction as "situated activity." In 2002, Factor X was one of three finalists for the Calgary Chamber of Commerce "Emerging Enterprise of the Year" award.

- The creation of book designs for Juvenilia Press, Lone Pine Publishing, Tesseract and University Extension Press, employing the theories of typographers such as Robert Bringhurst and Jan Tschichold. At University Extension Press, I worked for five years doing copy writing, editing, proofreading, layout, and design on books, ads, brochures, fax packages, newsletters, and prospectuses. One of our most ambitious projects was the 1994 award-winning ESL Toolbox, a multi-media resource package for teachers of English as a second language.

- The development of over 50 digital designs for Hewlett-Packard's data visualization team at the University of Alberta, utilizing Humberto Maturana's theory of "mutual ontogenic structural coupling" to help create meaningful visual metaphors for the movement of data packets across a complex network topology.

INTERACTIVE COMPUTING

Various clients. I specialized in web delivery of data and multimedia development. Examples include:

- developing an e-commerce prototype website using SiteServer for Orange Industries, Edmonton

- assisting in the creation of an on-line 3D virtual art gallery for the Alberta Arts Council, using Director and QuickTime VR

- creating a web-based image archive for Environment Canada, using Filemaker Pro and CDML (Claris's proprietary mark-up language)

COMPUTING FOR SPECIAL NEEDS

Systems Plus Inc. I provided technical support for four years (1993-7) to this company that specialized in computing for people with special needs. In addition to standard computer hardware and software, we handled Braille equipment, voice input systems, and electronic reading devices.