

Carrie Roy Ph.D.

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HONORS AND FELLOWSHIPS

2014 Digging into Data Grant. Role: member of US Research Team. Sponsors: IMLS, SSHRC, and NEH Office of Digital Humanities. Duration: 2014–2016. Awarded for Project Arclight: Analytics for the Study of 20th Century Media.

2014 INNovation Fund (John S. and James L. Knight Foundation) award for collaborative art exhibition with WI Center for Investigative Journalism

2013 UW Arts Venture Challenge Award for Victorian Eyes Exhibition

2012 Winners of the WARF Discovery Challenge Poster Symposium, Volumetric visualization of dynamic time varying data, Ponto, K., Roy, C. and Tredinnick, R.

2012 Wisconsin Institutes for Discovery Emerging Interfaces Award to pursue collaboration and exchange with researchers on a project that explores the boundaries between the arts, humanities, science and technology.

2011, 2010 One of thirty participants (180+ applicants) in Networks and Network Analysis for the Humanities: An NEH Institute for Advanced Topics in Digital Humanities

for the Humanities, UCLA (part of NEH Institutes for Advanced Topics in the Digital Humanities)

2010 College of Letters and Sciences Teaching Fellow Award (presented to fifteen out of over two thousand graduate assistants for exceptional teaching)

PROFESSIONAL ACTIVITIES

C Data LLC

Aurora, CO

Founded company to offer expertise in data visualization, text analytics, and data-inspired art and exhibitions for museums, libraries and non-profits. Clients include the Folger Shakespeare Library in Washington, D.C., the Wisconsin Center for Investigative Journalism, the *Dictionary of American Regional English*, scholars at the University of Wisconsin, Madison and the Theodore Roosevelt Center in Dickinson, ND. June 2015-present

EDUCATION

Post-Doc Fellowship in Digital Humanities, [WID](#)/UW Libraries, Univ. of WI, Madison, 2011-May 2014.

Ph.D in Scandinavian Folklore, University of Wisconsin, Madison, WI. August 2011.

M.A. in Medieval Icelandic Studies, First Class with distinction, University of Iceland, Reykjavík 2008.

M.A. in Scandinavian Area Studies, University of Wisconsin, Madison, September 2006.

B.A. in Visual and Environmental Studies, *magna cum laude*, Harvard College, Cambridge, MA June 2002.

RESEARCH EXPERIENCE

- Postdoctoral Research Associate, [Living Environments Laboratory](#), work on 3D data visualization tools including [WordCAKE](#) and the narrative thread project (current tool: [ScripThreads](#)). Artist and collaborator in development of [SculptUp](#): A Rapid, Immersive 3D Modeling Environment.
- Coordinator, Humanities Research Bridge: Work one-on-one with faculty, staff and students to find research tool solutions or create custom tools to solve data analysis challenges. Design and coordinate educational programming, conferences, workshops, and seminars around digital humanities and text analysis tools.

SELECTED PRESS

2016 "[Journalism and Art: Complementary and Collaborative Storytelling](#)" by Michael Blanding. *Nieman Reports* March 28, 2016.

2014 "[Center awarded \\$35,000 from Knight-supported INNOvation Fund to translate investigative reporting into art, explore new audiences – and profit](#)" by Kate Golden. [WisconsinWatch.org](#)

2014 "[Through Art, Data Gets Humanized](#)" by Bridget Ryan, Wisconsin Institute for Discovery

2013 *Boston Globe* "Brainiac" by Kevin Hartnett "[Turning Victorian literature into data into visual art](#)"

2013 Wisconsin Institutes for Discovery "[Victorian Eyes' Exhibit Lends New Understanding of Literature](#)"

2013 89.9 WORT, "Perpetual Notion Machine" interview "[Victorian Eyes//Quantitative Methods in the Humanities and Arts](#)" Nov 21, 2013.

SELECTED PUBLICATIONS

co-authors Eric Hoyt, Kevin Ponto "[Visualizing and Analyzing the Hollywood Screenplay with ScripThreads](#)" *DH Quarterly*, Vol 8.4, 2014.

co-authors Catherine DeRose, Fred Boehm "[Comp Couture: Literary, Statistical, and Artistic Perspectives on Victorian Novels](#)" *Significance* (Blackwell), Vol 11 Issue 2, April 2014.

co-author Tim Frandy, "[Examining Augmented Reality as a Platform for Situated Ethnography through the Lens of the ARIS Wisconsin Uprising Game](#)" *Journal of American Folklore*, Vol 126, No. 499, Winter 2013, p. 70-78.

EXHIBITIONS (SOLO DESIGNATED BY *)

2013-2016 *[Victorian Eyes Exhibition](#), Health Sciences Library, Anschutz Medical Campus, Aurora, CO; Science Festival, DH+A, Memorial Library, Madison WI, May - Sept 2016.

2015 [Beyond Words: Contemporary Book Art](#), Foothills Art Center, Golden CO

2015 *[Investigative Journalism + Art](#), State tour of Wisconsin May 1-7, 2015.

2015 *[Words Count: A Rantum Scoot through DARE](#), Anderson Academic Commons, DU, Colorado; Memorial Library, Madison WI

2013 *New*, Flow Art Space, St Paul, Minnesota

2006 *TRANS* art exhibition, TRANS Visual Culture Conference Oct 19-22

2002 *Easy*, Thesis Exhibition, Carpenter Center, Harvard, Cambridge, MA

INVITED LECTURES AND PRESENTATIONS

- "Interfacing with Objects: Our Human Engagement with Data and Information" IPAM Institute on Cultural Analytics and User Experience Design, UCLA, Los Angeles, CA, April 11, 2016.
- "Turning Data into Objects" Folger Shakespeare Library, Washington D.C., March 10, 2016.
- "Visualizing Narratives with ScripThreads," invited talk at workshop on fairytale analytics, BYU, Provo UT, May 14, 2015.
- "Words Count: A Rantum Scoot through *DARE*," Anderson Academic Commons, University of Denver, Denver, Colorado, April 28, 2015.
- "Object as Interface: Our Changing Engagement with Texts" Center for the History of Print and Digital Culture, University of Wisconsin, Madison, February 25, 2014.
- "Drafting with Data" Learning Solutions retreat for Division of Information Technology at University of Wisconsin, Madison, January 24, 2014.
- "The Big Bad Mean Wolf: A Look at Computational Approaches to the Humanities" Department of Statistics, University of Wisconsin, Madison Seminar Series, Nov 20 2013.
- "Postcards from Collaborations: Lessons from Last Year's Discovery Challenge Winners" Wisconsin Alumni Research Foundation, Discovery Challenge Symposium, Wisconsin Institutes for Discovery, May 20, 2013.
- "Viking in the WID: Raiding and Trading Approaches to Data" Humanities Hackathon, Center for the Humanities and WID, March 14, 2013.
- "Visualizing Dynamic Relationships: Threads of Thought and Stacks of Data in the Humanities and Sciences." Presentation to the UW campus community as part of Emerging Interfaces Program, Wisconsin Institutes for Discovery, Madison, WI, February 24, 2012.

CONFERENCE PAPERS

- Driscoll, K.A., Johnson, S.B., Roy, C., Raymond, J., Wright, N., & Deeb, L.C. Intervention to Improve Insulin Pump Adherence: Does Providing Patient-Friendly Data Make A Difference? In A.C. Modi (Chair). Translation of Evidenced-Based Practices into Real-World Settings: From Medicine to Media. Symposium presented at the Society of Pediatric Psychology Annual Conference. Atlanta, GA, April 2016.
- Kevin Ponto, Ross Tredinnick, Daniel Greenheck, Aaron Bartholomew, Carrie Roy, Dan Szafir, Joe Kohlmann, "SculptUp: A Rapid, Immersive 3D Modeling Environment." Paper presented at IEEE Symposium on 3D User Interfaces, Orlando, FL 2013.
- "Seeing Stories: A look at character threads in Bandamanna saga." Paper presented to NEH: Networks and Network Analysis for the Humanities Reunion Conference, UCLA, Los Angeles, CA, October 21, 2011.

"Narrative Knot: Threads in Stories and Circles of Thought." Paper presented at American Folklore Society Conference, Bloomington, IN, October 13, 2011.

"Putting Virtual Flesh on Extant Cultural Bones: Computational and Visualization Tools for Placing Medieval Cultural Expressions in Context." Paper presented at Society for the Advancement of Scandinavian Studies, Chicago, IL, April 30, 2011.

CONFERENCE POSTERS

"Adapting the ARIS Platform to Create a Situated Ethnography of the Wisconsin Budget Repair Bill Protest." Poster presented with Thomas A. DuBois, and Tim Frandy, at American Folklore Society Conference, Bloomington, IN, October 13, 2011.

"Seeing Stories in the Humanities and Sciences." Poster presented at MathBio3, Wisconsin Institutes for Discovery, Madison, WI, September 29-30, 2011.

"Volumetric visualization of dynamic time varying data." Ponto, K., Roy, C. and Tredinnick, R. for WARF Discovery Challenge Poster Symposium, Madison WI 2012.

LANGUAGES

Swedish, Old Norse

Reading: Norwegian, German, Danish

SKILLS

Adobe (Experience Design, Illustrator, Photoshop, InDesign, Animate, Dreamweaver, Flash), Filemaker Pro, Drupal, WordPress, Gephi, TextWrangler, AntConc, Keynote, Powerpoint, Final Cut Pro X, iMovie, AutoCAD 123D suite, AutoCAD, SketchUp, Solidworks, Processing, R, Tableau, Microsoft Office.