

**Jaime SNYDER** MFA, PhD

Assistant Professor  
Information School  
University of Washington

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## RESEARCH AREA

Visualization studies; creation and use of visual representations of information; vernacular/non-expert visualization design practices; social and ethical aspects of visualization practices; visual research methods.

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## APPOINTMENTS

### University of Washington, Seattle, WA

Assistant Professor, Information School, Jan 2015—present

Adjunct Assistant Professor, Human Centered Design and Engineering, Sept 2016—present

### Cornell University, Information Science Department, Ithaca, NY

Post Doctoral Research Associate, Aug 2013—Aug 2014

### Syracuse University, School of Information Studies, Syracuse NY

Post Doctoral Research Fellow, May 2012—Dec 2014

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## EDUCATION

### Syracuse University, School of Information Studies, Syracuse, NY

Ph.D. Information Science and Technology, 2012

*Dissertation:* Image-Enabled Discourse: Investigating the Creation of Visual Information as Communicative Practice

*Advisor* Elizabeth D. Liddy

*2012 Syracuse University Doctoral Award*

*2012 ASIST ProQuest Doctoral Dissertation Award*

*2013 iSchool Caucus Doctoral Dissertation Award*

### Stanford University, Department of Art & Art History, Palo Alto, CA

MFA Visual Art, June 1997

### Temple University, Tyler School of Art, Philadelphia, PA

BFA Painting, June 1993

*Summa cum laude and President's Scholar*

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## PUBLICATIONS *(reverse chronological order)*

### Refereed Conference Proceedings

**Snyder, J.**, Zolyomi, A., Shulkas, A. (in preparation). Assistive Technology for Low Vision and the Sociotechnical Construction of Sight. To be submitted to *ACM ASSETS*.

Zolyomi, A., Bharadwaj, A., **Snyder, J.** (2017). Let's Play (While Faraway)! Using Technology to Mediate Remote Playdates for Children with Autism. *Proc Human-Computer Interaction International (HCII) Conference*, Springer.

**Snyder, J.** (2017). Vernacular Visualization Practices in a Citizen Science Project. *Proc ACM CSCW*. [Acceptance rate: 34.5%]

**Snyder, J.**, Shilton, K., Anderson, S. (2016). Observing the Materiality of Values in Information Systems Research. *Proc of HICSS 2016, 2017-2026. Best Paper Nomination*.

Matthews, M., **Snyder, J.**, Reynolds, L., Chien, J., Shih, A, Lee, J., and Gay, G. (2015). MoodLight: Real-Time Representation Versus Response Elicitation in Biosensor Data. Note in *Proc ACM SIGCHI*, 605-608.

- Snyder, J., Matthew, M., Chien, J., Chang, P.F., Abdullah, S., Sun, E. and Gay, G. (2015).** MoodLight: Exploring Personal and Social Implications of Ambient Display of Biosensor Data. *Proc ACM CSCW*, 143-153. [Acceptance rate: 28.3%]
- Snyder, J. (2013).** Drawing Practices in Image-Enabled Collaboration. *Proc ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW 2013)*, pp. 741-752. [Acceptance rate: 35.6%]
- Snyder, J. (2012).** Activities & Artifacts: The dual nature of image-making in communicative practice. *Proc iConference 2012: Culture, Design, Society*, February 7– 10, University of Toronto, Ontario, Canada. [Acceptance rate: 32%]
- Scialdone, M., Rotolo, A., & **Snyder, J. (2011).** Social Media Futures: Why iSchools Should Care. *Proceedings of the iConference 2011: Inspiration, Integrity, Intrepidity*, February 8– 11, Seattle, WA.
- Snyder, J., D'Eredita, M. A., Yilmazel, O., & Liddy, E. D. (2009).** Introducing a Cognitive Methodology for the Automated Detection of Connotative Meaning in Text. *Proceedings of the American Society for Information Science and Technology (ASIST) 2009 Annual Meeting*.
- Snyder, J., D'Eredita, M. A., Yilmazel, O., & Liddy, E. D. (2009).** Towards a Cognitive Approach for the Automated Detection of Connotative Meaning. Short paper in *Proceedings of the Eighth International Conference on Computational Semantics (IWCS-8)*, 326–332.
- Snyder, J. (2008).** An Exploratory Approach for Modeling Image-Enabled Discourse. Short Paper in *Working Notes for the Association for the Advancement of Artificial Intelligence (AAAI) Fall Symposium on Multimedia Information Extraction*, Arlington, VA.
- Heckman, R., & **Snyder, J. (2008).** The Role of the Arts in an I-School Education. *Proc iConference*.
- Small, R. V., **Snyder, J., & Parker, K. (2008).** The Impact of New York's School Libraries on Student Achievement and Motivation: A Multi-Phase and Multi-Method Study. *Proc American Education Researchers Association (AERA) Annual Conference*.

### Refereed journal articles

- Snyder, J., Murnane, E., Matthews, M., (in preparation).** A Pathology of Rhythms: Visualizing the Bipolar Experience. To be submitted to *Science, Technology and Human Values (STHV)*.
- Baumer, E. P. S., **Snyder, J.** and Gay, G. (under revision). Interpretive Impacts of Text Visualization: Mitigating Political Framing Effects. Submitted to *ACM Transactions on Computer-Human Interaction (TOCHI)*.
- Matthews, M., Murnane, E., **Snyder, J., Guha, S., Chang, P. F., Doherty, G., and Gay, G.** (forthcoming). Double-Edged Sword: A Mixed Methods Study of the Interplay Between Bipolar Disorder and Technology Use. *Computers and Human Behavior (CHB)*.
- Matthews, M., Murnane, E., and **Snyder, J. (2017).** Quantifying the Changeable Self: The role of self-tracking in coming to terms with and managing bipolar disorder. *Human Computer Interaction*, special issue on “The examined life: Personal uses for personal data” ed. by Dan Cosley, Elizabeth Churchill, Jodi Forlizzi, and Sean Munson.
- Snyder, J. (2014).** Visual Representation of Information as Communicative Practice. *Journal of the American Society for Information Science and Technology (JASIST)*, 65(11), 2233-2247.
- Snyder, J., Baumer, E.P.S., Volda, S., Adams, P., Halpern, M., Choudhury, T. and Gay, G. (2014).** Making Things Visible: Opportunities and Tensions in Visual Approaches for Design Research and Practice. *Human Computer Interaction*, special issue on *Design Thinking*, ed. Jack Carroll and Scott Klemmer, 29(5-6), 451-486.

- Small, R. V. & **Snyder, J.** (2010). Research Instruments for Measuring the Impact of School Libraries on Student Achievement and Motivation. *School Libraries Worldwide*, 16(1), 61-72.
- Snyder, J.**, Heckman, R., & Scialdone, M. (2009). Information Studio: An Arts-Based Approach to Educating Technical Professionals. *Journal of the American Society for Information Science and Technology (JASIST): Perspectives on Design*, ed. Kathi Martin and Sam Hastings, 60(9), 1923-1932.
- Small, R. V. & **Snyder, J.** (2009). The Impact of New York's School Libraries on Student Achievement and Motivation: Phase II. *School Library Media Research*, 12.
- Small, R. V., **Snyder, J.**, & Parker, K. (2009). The Impact of New York's School Libraries on Student Achievement and Motivation: Phase I. *School Library Media Research*, 12.

### Book chapters

- Hemsley, J. and **Snyder, J.** (2017). Dimensions of visual misinformation in the emerging media landscape. In Brian Southwell, Emily A. Thorson, and Laura Sheble (Eds.) *Misinformation and Mass Audiences*. University of Texas Press, Austin, TX.
- Østerlund, C., **Snyder, J.**, Sawyer, S., Sharma, S., and Willis, M. (2016). Documenting work: From participant observation to participant tracing. In Roderick M. Kramer and Kimberly D. Elsbach (Eds.) *Handbook of Qualitative Organizational Research: Innovative Pathways and Methods*. Routledge, Taylor and Francis Group, New York.
- Snyder, J.** (2011). Dialectic theories. In R. D. Lankes (Ed.), *The Atlas of New Librarianship* (pp. 246-248). Cambridge, MA: MIT Press. **Awarded ALA 2012 Best Book in Library Literature.**

### Refereed Conference Presentations

- Snyder, J.** and Matthews, M. (2015). Visualizing Temporality in Biological Rhythms. Paper presented at the *Annual Meeting of the Society for Social Studies of Science (4S)*, Denver, CO, November 11-14.
- Snyder, J.**, Matthew, M., Abdullah, S., Chien, J., Sun, E., Gay, G. (2013). Light, Color, Affect, and Stress. Paper presented at the *Annual Meeting of the Society for Social Studies of Science (4S)*, San Diego, CA, October 9-12.
- Snyder, J.** (2011). Image-making as communicative practice. Paper presented at the *2<sup>nd</sup> International Visual Methods Conference*, Open University, Milton Keynes, UK, September 13-15.
- Snyder, J.** (2011). Image-Enabled Discourse: A Conceptual Framework. Paper presented at the *International Visual Sociology Association (IVSA) Conference*, University of British Columbia, Vancouver, BC, July 6-8.
- Snyder, J.** (2011). Image-Making as Discourse Strategy. Paper presented at the *17<sup>th</sup> Annual Conference on Language, Interaction and Social Organization (LISO)*, UC Santa Barbara, May 12-14.
- Inoue, K. & **Snyder, J.** (2007) A Conversation Repository for Participatory Librarianship. Presented at *Nordic Research School in Library and Information Science (NorLIS) Workshop II: Discourse-Oriented Approaches in LIS*, Lund, Sweden, November 22-24.
- Snyder, J.** (2007). Drawing conclusions: Bridging communication gaps with visualizations. *Annual Conference for the Society for Literature, Science, and the Arts (SLSA)*, Portland, ME, November 1-4.

## Refereed Conference Posters

- Zolyomi, A., Shulka, A., and **Snyder, J.** (2016). Social Dimensions of Technology-Mediated Sight. Poster abstract in *Proc ASSETS*.
- Sharma, S., Willis, M., **Snyder, J.**, Østerlund, C., Sawyer, S. (2015). Using Ethnography of Email to Understand Distributed Scientific Collaborations. Poster abstract in *Proc iConference*. *Nominated for Best Poster Award*.
- Willis, M., Sharma, S., **Snyder, J.**, Brown, M., Østerlund, C., Sawyer, S. (2014). Documents and Distributed Scientific Collaboration. Poster abstract in *Proc ACM CSCW*, Baltimore, MD.
- Sharma, S., **Snyder, J.**, Østerlund, C., Willis, M., Sawyer, S., Brown, M., Szkolar, D. (2014). Document Practice as Insight to Digital Infrastructures of Distributed, Collaborative Social Scientists. Poster abstract in *Proc iConference*, Berlin, Germany.
- Snyder, J.** (2012). Let me draw you a picture: coordination in image-enabled conversation. Poster abstract in *Proc ACM CSCW*, Bellevue, WA.
- Snyder, J.** (2012). Video-Based Analysis of Multimodal Social Interaction. Poster abstract in *Proc iConference*, Toronto, Ontario, Canada.
- Snyder, J.** (2011). Preliminary Findings: Image-Enabled Discourse and the Creation of Visual Information. Poster abstract in *Proc ASIST Annual Meeting*, New Orleans, LA.
- Snyder, J.** (2010). Applying multimodal discourse analysis to study image-enabled communication. Poster abstract in *Proc iConference*, Champaign, IL. **Best Poster Award**.
- Snyder, J.**, D'Eredita, M.A., Heckman, R., Stanton, J.M. (2010). Common Ground: Exploring the intersection between information, technology, art and design. Poster abstract in *Proc iConference*, University of Illinois Urbana-Champaign, Champaign, IL.
- Snyder, J.** (2009). Investigating the Creation of Ad Hoc Information Visualizations. Poster abstract in *Proc of American Society for Information Science and Technology (ASIST)*, Vancouver, BC.
- Snyder, J.** (2009). Image-Enabled Discourse: A Preliminary Descriptive Investigation. Poster presented at *iConference 2009*, UNC, Chapel Hill, NC.

## Workshops

### *Co-Organizer*

- iConference 2015 Workshop, *Visualization Pedagogy in iSchools*. Organized by Jeff Hemsley, Jaime Snyder, Joseph Cottam, Brian Fisher, Vicki Lemieux, Jeff Stanton, Yang Wang.
- CHI 2014 Workshop, *Biological Rhythms and Technology*. See: Matthews, M., Carroll, E., Abdullah, S., **Snyder, J.**, Kay, M., Choudhury, T., Gay, G., and Kientz, J. (2014) "Biological rhythms and technology." In CHI'14 Extended Abstracts on Human Factors in Computing Systems, pp. 123-126.

### *Invited Participant*

- Consortium for the Science of Socio-technical Systems (CSST) Summer Leadership retreat, Isle of Palms, SC, July 24-26, 2017.
- eScience Data Science Studies Workshop, The reproducibility Concept, Practice & Toolset, with guest Lorraine Daston, eScience Institute, University of Washington, April 18, 2017.
- CSCW 2017 Workshop, *The Science of Citizen Science*. Organized by Edith Law, Jennifer Shirk, Jennifer Preece, Andea Wiggins, Greg Newman, Alex Williams, and Jonathan Brier. Position paper: "Evaluating Visual Practices in a Citizen Science Project."

Consortium for the Science of Socio-technical Systems (CSST) Summer Research Institute, attended as an Emerging Research Team with Steve Volda and Mark Matthews. Skamania, WA, June 27- July 1, 2016.

CSCW 2016 Workshop, *Human Centered Data Science*. Organized by Cecilia Aragon, C.J. Hutto, Gina Neff, et al. Paper presented: "Values in the Design of Visualizations"

1<sup>st</sup> CRA-W/CDC Broadening Participation in Visualization Workshop for Underrepresented Participants, February 2014 at Clemson University, funded by the National Science Foundation.

CSCW 2014 Workshop, *Sharing, re-use and circulation of resources in cooperative scientific work*. Organized by T. Velden, M. J. Bietz, E. I. Diamant, J. D. Herbsleb, J. Howison, D. Ribes, and S. B. Steinhardt. Paper presented: "Traces of Work: Visibility & Documenting Practices within Distributed Social Science Collaboration."

CSCW 2013 Workshop, *Beyond Formality: Informal Communication in Health Practices*. Organized by Y. Chen, C. Tang, X. Zhou, A. Sarcevic, S. Lee. Paper presented: "The Picture of Health: Visual Representation as Communicative Practice in Healthcare Settings."

Values in Design of Information Systems and Technology Workshop (VID 2012). University of California Irvine, August 19-16.

Consortium for the Science of Socio-technical Systems (CSST) Summer Research Institute, attended as junior researcher. Santa Fe, NM, July 29- August 2, 2012.

Doctoral Seminar for Research and Career Development (2010). American Society for Information Science and Technology Annual Meeting (ASIST), Pittsburgh, PA, October 22-27.

### **Invited presentations and panels**

Invited lecture, University College Dublin, TBD 2017.

Guest lecture, *User Centered Visualization Design Workshop*, INFO474 Interactive Information Visualization, Information School, University of Washington, April 27, 2017.

Guest lecture, *Infographic Design*, FISH 478 Topics in Sustainable Fisheries. College of the Environment, University of Washington, February 23, 2017.

Seminar lecture, *Vernacular Visualization in the Management of Serious Mental Illness*. UC Irvine, Donald Bren School of Information and Computer Science, February 17, 2017.

Guest lecture, *Data Visualization Basics*, INFO200 Intellectual Foundations of Informatics. Information School, University of Washington, February 15, 2017.

HICSS-50 Digital & Social Media Ignite Presentation: *Credible Images*, HICSS, January 5, 2017.

Native Girls Code, *Design Thinking Workshop*, December 3, 2016.

Panelist, *Meet, Greet, Teach: Gaming for Good* organized by Associate Dean Julia Parrish. College of the Environment, University of Washington, April 5, 2016.

Guest lecture, *Data Visualization Basics*, INFO200 Intellectual Foundations of Informatics. Information School, University of Washington, February 10, 2016.

Panelist, Design Use Build (DUB) Fall retreat, *All Together Now: Bridging Faculty from STS to Ed Tech*, University of Washington, Oct 16, 2015.

Invited speaker, Computer Supported Collaboration Laboratory, UW Human Centered Design and Engineering, April 27, 2015.

- Panelist. *Transections: an interdisciplinary exploration of design between science and the humanities*. Symposium organized by Professors Anda French and Lori Brown, Syracuse University School of Architecture, April 2014.
- Jarrahi, M. H., Snyder, J., Askay, D., Wiltse, H., Karunakaran, A. (2014). *From "Effects" to "Entanglements": A Fishbowl Discussion on Sociomateriality*. Panel at the *iConference*, Berlin, Germany.
- Panelist (May 2013, November 2010). *Images? Precisely!* Organized by Mark Linder, inaugural Syracuse University Chancellor's Fellow in the Humanities, as part of the Transdisciplinary Humanities Project.
- Worrall, A., Koepfler, J., Vitak, J., Alemanne, N., Snyder, J., Rosenbaum, H. (2013). *Theory and the Social Nature of Information*. Panel at *iConference 2013: Scholarship in Action*, Feb 12– 15, Fort Worth, TX.
- Snyder, J. (2010). *Image-Enabled Discourse: Investigating the Creation of Visual Information as Communicative Practice*. Presented at the Student Award Winning Papers Session at *The American Society for Information Science and Technology (ASIST) 2010 Annual Meeting: Navigating Streams in an Information Ecosystem*, October 22-27, Pittsburgh, PA.
- Goodrum, A., Hastings, S., Jorgensen, C., Matusiak, K., Menard, E., Neal, D., O'Connor, B., Rorissa, A., Snyder, J. (2010). *Current Research and Thinking in Image Analysis, Descriptions and Systems Workshop (SIG-VIS)*. *American Society for Information Science and Technology (ASIST) Annual Meeting*, Oct 22-27, Pittsburgh, PA.
- Snyder, J. (2009). Presentation to *Design Odyssey* (November 17), Department of Design, Syracuse University.
- Small, R. V., Snyder, J., Parker, K., Louis, C., & Southorn, M. (2008). *The Impact of New York's School Libraries on Student Achievement and Motivation: A Multi-Method Study*. Presented at Brown Bag Presentation Series (March 17), School of Info Studies, Syracuse University.
- Small, R. V., Snyder, J., & Parker, K. (2007). *Impact of School Library Programs on Student Motivation and Achievement*. Presented at the *New York Library Association: School Library Media Section Annual Conference (SLMS)* (May 3-5), Syracuse, NY.

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## GRANTS

- Snyder, J. (PI), "Visualizing Bipolar Disorder: Exploring the Representation of Personal Data in the Treatment of Serious Mental Illness," Sponsored by the UW Royalty Research Fund (RRF). \$34,766.

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## AWARDS & HONORS

- Best paper nomination, HICSS 2016
- Best Poster award, iConference 2010
- iSchool Caucus Doctoral Dissertation Award, 2013
- ASIST ProQuest Doctoral Dissertation Award, 2012
- Doctoral Prize for Excellence in Scholarship and Research, Syracuse University, 2012
- Chancellor's Award for Public Engagement and Scholarship, awarded to the Syracuse Little Free Libraries Project (Project lead), Syracuse University, 2012
- ASIST Thomson Reuters Doctoral Dissertation Proposal Award, 2010

Best Poster, “Applying multimodal discourse analysis to study image-enabled communication,”  
iConference, University of Illinois Urbana-Champaign, 2010  
Outstanding TA Award, The Graduate School, Syracuse University, 2009  
Dissertation Research Grant from The Study Response Project ([studyresponse.syr.edu](http://studyresponse.syr.edu)), 2008  
Student Travel Scholarship from the Association for the Advancement of Artificial Intelligence (AAAI)  
to attend Fall Symposium on Multimedia Information Extraction, 2008  
Student Travel Award, Best Student Paper in Info Science, ASIST New England (NEASIST), 2008

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## TEACHING

**University of Washington**, Information School, Seattle, WA  
**Assistant Professor**, 2015–present

Course No.	Course Title	Quarter	Enrolled
INFX561	Visualization Design	2017 Spring	24
INFO360A	Design Thinking	2016 Autumn	28
INFO360B	Design Thinking	2016 Autumn	35
INFX561	Visualization Design	2016 Spring	35
INFO360A	Design Thinking	2015 Autumn	35
INFO360B	Design Thinking	2015 Autumn	36
INF0598	Data Visualization Theory & Techniques	2015 Spring	32
INF0360C	Design Thinking	2015 Winter	38

**Syracuse University**, School of Information Studies, Syracuse NY  
**Instructor**, 2008–2013

Course No.	Course Title	Quarter
IST719	Information Visualization ( <i>grad elective</i> )	2013 Spring
IST719	Information Visualization	2013 Fall
IST712	Information Design ( <i>grad elective</i> )	2012 Spring
IST712	Information Design	2011 Spring
IST400/600	Digital Documentation for the Arts	2010 Fall
DES/FIB 300/500	Responsive Environments ( <i>undergrad elective</i> )	2009 Spring
IST444	Information Reporting and Presentation ( <i>undergrad req</i> )	2008 Fall
Guest Instructor	Student Sandbox, Interface Design Workshops for student entrepreneurs	2012 Summer
Guest Instructor	IT Girls, Design & Technology Workshop for to recruit high school girls into STEM college programs	2011 Spring

**Task Force member**, Information, Design, & Communication, April 2011–May 2012  
Development of new multidisciplinary graduate level curriculum. Collaboration between iSchool, S.I. Newhouse School of Public Communication and College of Visual and Performing Arts,

**Liaison for Interdisciplinary Curriculum Development**, September, 2009–May 2012  
Facilitated, developed and taught multidisciplinary courses and classroom activities offered by the iSchool & the College of Visual and Performing Arts

**Mercy College**, Center for Digital Arts, White Plains, NY  
**Associate Lecturer**, 2003–2005  
*Digital Media + Interaction Design, Web Design I and II, Three Dimensional Design*

**University of Southern Maine**, Department of Art, Gorham, ME  
**Visiting Artist-in-Residence**, 2004  
*Experimental Drawing*

**Stanford University**, Department of Art & Art History, Palo Alto, CA  
**Lecturer**, 1999  
**Instructor**, ASA Pre-College Enrichment Program in Studio Art, Summer 1997-1999  
**Graduate Instructor**, 1995-1997  
**Teaching Assistant**, 1995-1997

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## SERVICE

**Information School, University of Washington**  
Elected Faculty Council, September 2016 to present  
Search Committee, Assistant Director of Research Services, October 2016  
Informatics Program Committee, January 2015 to September 2016

Curriculum Transformation Project, Fall 2015  
Invited Instructor, Visualization Design Workshops for visiting LIS students from Sungkyunkwan University, 2015- 2017  
Invited Instructor, Native Girls Code: Design Thinking Workshop, December 2016

## Professional

*Committees and Boards*  
CSST Leadership Summit, 2017  
Program Committee, CHI Late Breaking Work, 2017  
Advisory Board, CSST Summer Institute, 2015- present  
Program Committee, iConference, 2010, 2013

## Reviewer

ACM-DIS: 2014	iConference: 2010, 2011, 2012, 2014, 2015
ACM SIG-CHI: 2014-2016	ICS: 2015
ACM CSCW: 2014-2016	IJHCS: 2008, 2010, 2016, 2017
AIJ: 2008	Information and Culture: 2014
ASIST: 2014 ( <i>metareviewer</i> )	INFO VIS: 2017
CSST: 2015, 2016	JASIST: 2013, 2016
HICSS: 2014, 2016	UBICOMP: 2015
ICIS: 2014	UIST: 2016

## Memberships

ACM SIG-CHI & CSCW, 4S (Society for the Social Study of Science), IVSA (International Visual Sociology Association)