

SARAH VIEWEG

CURRICULUM VITAE

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SCHOLARLY INTERESTS

General Interests: Human Computer Interaction (HCI), Computer Supported Cooperative Work (CSCW), Social Computing, Crisis Informatics, Natural Language Processing

Specific Interests: CMC in mass emergency, Collective Intelligence, Ethnomethodology, Ethnographic Methods, Social Media/Microblogging, Information Extraction

EDUCATION

PhD in Technology, Media and Society

University of Colorado, Boulder, CO expected May 2011

Advisor: Dr. Leysia Palen

M.A. in Linguistics

University of Colorado, Boulder, CO August 2007

Graduate Certificate in Human Language Technology

University of Colorado, Boulder, CO May 2007

B.A. in Economics and French

University of Illinois, Urbana-Champaign, IL May 1999

PUBLICATIONS

REFEREED JOURNAL ARTICLES

Palen, Leysia, Sarah Vieweg, Sophia B. Liu & Amanda L. Hughes. 2009. **Crisis in a Networked World: Features of Computer-Mediated Communication in the April 16, 2007 Virginia Tech Event.** Social Science Computer Review, Special Issue on e-Social Science 27(5): 1-14.

HIGHLY COMPETITIVE LONG CONFERENCE PUBLICATIONS, REVIEWED IN FULL

Vieweg, Sarah, Amanda L. Hughes, Kate Starbird & Leysia Palen. Forthcoming. **Microblogging During Two Natural Hazards Events: What Twitter May Contribute to Situational Awareness.** Proceedings of the ACM conference on Computer Human Interaction, CHI 2010.

Starbird, Kate, Leysia Palen, Amanda L. Hughes & Sarah Vieweg. Forthcoming. **Chatter on the Red: What Hazards Threat Reveals about the Social Life of Microblogged Information.** Proceedings of the ACM conference on Computer Supported Cooperative Work, CSCW 2010. ****honorable mention****

Palen, Leysia & Sarah Vieweg. 2008. **The Emergence of Online Widescale Interaction in Unexpected Events: Assistance, Alliance and Retreat.** Proceedings of the ACM conference on Computer Supported Cooperative Work CSCW 2008, 117-126.

OTHER REFEREED CONFERENCE PUBLICATIONS, REVIEWED IN FULL

Vieweg, Sarah, Leysia Palen, Sophia B. Liu, Amanda L. Hughes & Jeannette Sutton. 2008. **Collective Intelligence in Disaster: An Examination of the Phenomenon in the Aftermath of the 2007 Virginia Tech Shootings.** Proceedings of the Information Systems for Crisis Response and Management Conference (ISCRAM 2008). ****Tied for best student paper award****

Hughes, Amanda L., Leysia Palen, Jeannette Sutton, Sophia B. Liu & Sarah Vieweg. 2008. **Sight-Seeing in Disaster: An Examination of On-Line Social Convergence.** Proceedings of the Information Systems for Crisis Response and Management Conference (ISCRAM 2008). ****Tied for best student paper award****

Liu, Sophia B., Leysia Palen, Jeannette Sutton, Amanda L. Hughes & Sarah Vieweg. 2008. **In Search of the Bigger Picture: The Emergent Role of On-Line Photo Sharing in Times of Disaster.** Proceedings of the Information Systems for Crisis Response and Management Conference (ISCRAM 2008). ****Tied for best student paper award****

Palen, Leysia, Sarah Vieweg, Jeannette Sutton, Sophia B. Liu & Amanda L. Hughes. 2007. **Crisis Informatics: Studying Crisis in a Networked World.** Proceedings of the Third International Conference on E-Social Science, Ann Arbor, MI, Oct. 7-9 2007.

Duffield, Cecily Jill, Jena D. Hwang, Susan Windisch Brown, Dmitriy Dligach, Sarah E. Vieweg, Jenny Davis & Martha Palmer. 2007. **Criteria for Manual Clustering of Verb Senses.** Proceedings of the 29th Annual Conference of the Cognitive Science Society, CogSci 2007, Nashville, TN, August 1-4, 2007.

Duffield, Cecily Jill, Jena D. Hwang, Susan Windisch Brown, Dmitriy Dligach, Sarah E. Vieweg, Jenny Davis & Martha Palmer. 2007. **Criteria for the Manual Grouping of Verb Senses.** Proceedings of the Linguistic Annotation Workshop, Prague, Czech Republic, June 28-29, 2007.

BOOK CHAPTERS

Liu, Sophia B., Leysia Palen, Jeannette Sutton, Amanda L. Hughes & Sarah Vieweg. 2009. **Citizen Photojournalism During Crisis Events**. In Stuart Allen and Einar Thorsen (eds), *Citizen Journalism: Global Perspectives*. New York: Peter Lang. *reprint of a previous conference paper

WORKSHOP PAPERS

Vieweg, Sarah & Kate Starbird. 2010. **Microblogging in Mass Emergency**. CHI 2010 Workshop on Microblogging: What and How Can We Learn From It?

Vieweg, Sarah. 2010. **The Ethics of Twitter Research**. CSCW 2010 Workshop on Revisiting Ethics in the Facebook Era: Challenges in Emerging CSCW Research.

Vieweg, Sarah. 2008. **Social Networking Sites: Reinterpretation in Crisis Situations**. CSCW 2008 Workshop on Social Networking in Organizations.

DOCTORAL COLLOQUIA

Vieweg, Sarah. 2010. **Microblogged Contributions to the Emergency Arena: Discovery, Interpretation and Implications** (CSCW 2010). Savannah, GA, Feb. 7, 2010

GUEST LECTURES/INVITED TALKS/PANEL MEMBERSHIPS

“Tweak the Tweet: Using Information Science to Help Haiti” Presented at the CU Stands with Haiti Panel Discussion on “Haiti: The Frontlines and the Road Forward” February 2, 2010.

“ICT and Critical Environments” Presented to the Digital and Social Systems class at the University of Colorado, September 18, 2009.

“Speech acts and the Winograd/Flores and Suchman debate” Presented to the HCI Remixed class at the University of Colorado, December 9, 2008.

"Collective Intelligence in Disaster: Community Response in an Online Arena" Presented to Community Informatics Class at Dominican University, November 19, 2008.

Evaluator on Student Project Panel, User Interaction Design class at the University of Colorado, March 31, 2008.

“Ethics, Theories and Thoughts on HCI” Presented to the User Interaction Design class at the University of Colorado, March 12, 2008.

Evaluator on Student Project Panel, User Interaction Design class at the University of Colorado, February 6, 2008.

“HCI Researchers at CU” Presented to the User Interface Design class at the University of Colorado, November 28, 2007.

Evaluator on Student Project Panel, User Interface Design class at the University of Colorado, November 7, 2007.

“Verb Sense Disambiguation” Presented with Cecily Jill Duffield and Jena Hwang to the Département de Linguistique et de Traduction at the Université de Montréal, November 15, 2006.

TEACHING/ACADEMIC POSITIONS

Research Assistant

connectivIT Lab, Summer 2007 – Present

Teaching Assistant

User Interaction Design (CSCI 4838/6838) Spring 2009

Course Grader

Readings in HCI (CSCI 7000) Fall 2008

Course Grader

User Interaction Design (CSCI 4838/6838) Fall 2007, Spring 2008

Project Supervisor

Verb Sense Annotation Project (Directed by Dr. Martha Palmer) Spring 2006 – Summer 2007

Verb Sense Annotator

Verb Sense Annotation Project (Directed by Dr. Martha Palmer) Fall 2005

PROFESSIONAL SERVICE

Conference Paper Reviewer

ACM Conference on Human Factors in Computing (CHI) 2010
Information Systems for Crisis Response and Management (ISCRAM) 2010
Information Systems for Crisis Response and Management (ISCRAM) 2009
Information Systems for Crisis Response and Management (ISCRAM) 2008
Culture, Language and Social Practice (CLASP) 2007

Assistant Conference Organizer

Culture, Language and Social Practice (CLASP) 2007

Committee Member

University of Colorado ATLAS Graduate Admissions Committee, 2008 - Present
University of Colorado New Venture Challenge Executive Committee, 2009-2010
University of Colorado Emergency Preparedness Committee, 2007

HONORS/AWARDS

Technology Mediated Social Participation (TMSP) workshop Palo Alto, CA, Dec. 10-11, 2009 (Full Funding)

Initiative to organize agenda around research and education to promote technology-mediated interaction and participation in line with national and international priorities

Human Computer Interaction Consortium (HCIC), Fraser, CO Feb. 4-7, 2009 (Full Funding)

Invited Student Participant

Mike Meleshkin Award for “Best PhD Paper”

Information Systems for Crisis Response and Management (ISCRAM)
Conference 2008

PREVIOUS EXPERIENCE

Au Pair – Colville/Russell Family, January – November 2004

- Secondary care provider for four-year-old twins
- Aided in management of a household headed by two United Nations employees
- Taught French to the children

English and French Teacher – Caledonian School, Prague, Czech Republic, August 2002 – December 2003

- Taught English for Cambridge exam preparatory classes
- Developed and taught courses specifically for journalists at Radio Free Europe
- Taught English and French in classroom and one-on-one situations
- Continuously received excellent reviews from students and senior staff

Apprentice Carpenter – Americorps, Moore County, NC, August 2000 – July 2001

- Led and aided in the building of single-family homes including: framing, installation of floor systems, insulation, kitchen and bathroom appliances, roofing, trim work and painting
- Taught homeowners the basics of home-building and repair
- Trained volunteers on carpentry tasks

Staff Consultant – Arthur Andersen, LLP – Chicago, IL, August 1999 – July 2001

- Consulted clients on:
 - Recruiting and retention strategies
 - Employee compensation
 - Performance management
 - International tax issues
 - Equity-based incentive plans

LANGUAGES SPOKEN

English – Native

French – Fluent

Czech – Beginner/Intermediate

CITIZENSHIP

United States