

January 2016

Marina Kogan

Department of Computer Science
University of Colorado
Boulder CO 80309-0430
917-420-3730
marina.kogan@colorado.edu

Research Interests

HCI; computer supported cooperative work; computational social science; network science

Education

| | |
|--|-------------------|
| Ph.D. Computer Science | expected May 2017 |
| University of Colorado Boulder | |
| M.A. Sociology | December 2009 |
| University of Illinois at Urbana-Champaign | |
| B.A. Honors Sociology and Anthropology | December 2005 |
| B.S. Computer Science | |
| City University of New York | |

Academic Employment

| | |
|--|---------------------------|
| Research Assistant | Fall 2014- current |
| Hazard prediction and communication dynamics in the modern information environment | |
| Leysia Palen, Department of Computer Science | |
| University of Colorado Boulder | |
| Research Assistant | Summer 2013 |
| Improving the Connection between the Spatial and the Survey Sciences project | |
| Seth E. Spielman, Geography Department | |
| University of Colorado Boulder | |
| NSF GK-12 Fellow | Summer 2012 – Summer 2014 |
| The eCSite Project: Engaging Computer Science in Traditional Education | |
| Clayton Lewis, Debra Goldberg, and Dirk Grunwald | |
| University of Colorado Boulder | |
| Professional Research Assistant | January 2010-August 2012 |
| Ethnography & Evaluation Research | |
| University of Colorado Boulder | |
| Graduate Statistics Consultant | Fall 2009 |
| Applied Technology for Learning in the Arts and Sciences | |
| University of Illinois at Urbana-Champaign | |
| Research Assistant | May 2008 - August 2009 |
| Purdue and Illinois Data Curation Profile Project | |
| Carole Palmer and Melissa Cragin | |
| Graduate School of Library and Information Science | |

University of Illinois at Urbana-Champaign

| | |
|---|-------------------------|
| Research Assistant | Summer 2007 |
| Investing in Enduring Resources with the Earned Income Tax Credit | |
| Ruby Mendenhall, Department of Sociology | |
| University of Illinois at Urbana-Champaign | |
| Teaching Assistant | Fall 2006 - Spring 2008 |
| Introduction to Sociology | |
| Department of Sociology, University of Illinois at Urbana-Champaign | |

Awards and Honors

| | |
|--|---------------------------|
| CRA-W Grad Cohort | 2014 |
| Committee on the Status of Women in Computing Research | |
| Research Community Development Award | Fall 2012 |
| Computer Science Department, University of Colorado | |
| Dean's Fellowship | Fall 2012 |
| College of Engineering, University of Colorado | |
| NSF GK-12 Fellowship | Summer 2012 – Summer 2014 |
| The eCSite Project | |
| University of Colorado Boulder | |
| List of Teacher Ranked as Excellent by their Students | Spring 2007, Spring 2008 |
| Center for Teaching Excellence, UIUC | |
| Honors granted Summa Cum Laude | December 2005 |
| City University of New York | |
| Distributed Mentor Project | Summer 2004 |
| Committee on Status of Women in Computing Research (CRA-W) | |

Publications

Peer Reviewed Journal Articles

Anderson, J., **Kogan, M.**, Bica, M., Palen, L., Anderson, K., Morss, R., Demuth, J., Lazrus, H., Wilhelmi, O., & Henderson, J. Far Far Away in Far Rockaway: Responses to Risks and Impacts during Hurricane Sandy through First-Person Social Media Narratives. To appear at ISCRAM, 2016.

Kogan, M., Anderson, J., Palen, L., Anderson, K., & Soden, R. Finding the Way to OSM Mapping Practices: Bounding Large Crisis Datasets for Qualitative Investigation. To appear at CHI, 2016.

Anderson, J., Soden, R., Anderson, K., **Kogan, M.**, & Palen, L. EPIC-OSM: A Software Framework for OpenStreetMap Data Analytics. *Proc of HICSS*, 2016.

Clauset, A., **Kogan, M.**, Redner, S. Safe leads and lead changes in competitive team sports. *Phys. Rev. E* 91:6, 2015.

Kogan, M., Palen, L. & Anderson, K.. Tweet Local, Retweet Global: Retweeting by the Geographically-Vulnerable during Hurricane Sandy. *Proc of CSCW*, 2015.

- Laursen, S.L., Hassi, M.-L., **Kogan, M.**, Hunter, A.-B., & Weston, T., 2014. Benefits for Women and Men of Inquiry-based Learning in College Mathematics: A Multi-institution Study. *Journal for Research in Mathematics Education*, 45(4), 406-418.
- Kogan, M.**, & Laursen, S. L., 2014. Assessing long-term effects of inquiry-based learning: A case study from college mathematics. *Innovative Higher Education*, 39(3).
- Zelikovitz, S & **Kogan, M.**, 2006, "Using Web Searches on Important Words to Create Background Sets for LSI Classification." *Proceedings of the 19th International FLAIRS Conference*, 598-603.

Peer Reviewed Conference Proceedings

- Kogan, M., & Laursen, S.L. (2012). *Role of faculty professional development in improving undergraduate mathematics education: The case of IBL workshops*. In (Eds.) S. Brown, S. Larsen, K. Marrongelle, and M. Oehrtman. *Proceedings of the 15th Annual Conference on Research in Undergraduate Mathematics Education*, pp. 80-87, Portland, Oregon.
- Hassi, M.-L., Kogan, M., & Laursen, S. L. (2011). Student outcomes from inquiry-based college mathematics courses: Benefits of IBL for students from under-served groups. In (Eds.) S. Brown, S. Larsen, K. Marrongelle, and M. Oehrtman, *Proceedings of the 14th Annual Conference on Research in Undergraduate Mathematics Education*, Vol. 3, pp. 73-77, Portland, Oregon.

Professional Presentations

- Kogan, M., "Finding the right information in disaster: assessing relevance and reliability of tweets from the Hurricane Sandy", Poster. Presented at 2014 CRA-W Grad Cohort Workshop, Santa Clara, CA
- Kogan, M. and Laursen, S. "Role of Faculty Professional Development in Improving Undergraduate Mathematics Education: The Case of IBL Workshops." Presented at the 15th annual Conference on Research in Undergraduate Mathematics Education, Portland, Oregon, 23-25 Feb. 2012
- Kogan, M. and Laursen, S. "Assessing Suitability of Grades and Course-Taking Patterns as Measures of Long-term Student Outcomes following Inquiry-Based Learning Experiences." Presented at the Joint Mathematics Meetings, Boston, Mass., 4-7 Jan. 2012
- Kogan, M. and Laursen, S. "Obstacles in Advancement of Young Female Geoscientists: Research Results from the Earth Science Women's Network (ESWN)." Poster presented at 2011 Fall Meeting, AGU, San Francisco, Calif., 5-9 Dec.
- Hassi, M.-L., Kogan, M., and Laursen, S. "Student Outcomes from Inquiry-Based College Mathematics Courses: Benefits of IBL for Students from Under-Served Groups." Presented at the 14th annual Conference on Research in Undergraduate Mathematics Education, Portland, Oregon, 24-27 Feb. 2011
- Kogan, M. and Laursen, S. "Evaluating Career Development Resources: Lessons from the Earth Science Women's Network (ESWN)." Poster presented at 2010 Fall Meeting, AGU, San Francisco, Calif., 13-17 Dec.

Kogan, M. "Global Pressures of National Identity: The Myth of Two Ukraines." Presented at 103nd American Sociological Association Annual Meeting, Boston, Massachusetts. August 1-4, 2008.

Kogan, M. "Ukrainian Orange Revolution: Transnational Contention Rooted in Place and Identity." Presented at 102nd American Sociological Association Annual Meeting, New York, New York. August 11-14, 2007.

Zelikovitz, S and Kogan, M. "Using Web Searches on Important Words to Create Background Sets for LSI Classification." Presented at Nineteenth International Florida Artificial Intelligence Research Society Conference, Melbourne Beach, Florida. May 11–13, 2006.

Kogan, M. "Switching/Mixing Approach for Real-time Object Tracking in UAV Video Sequences." Presented at CSI Undergraduate Research Conference, Staten Island, NY, April 2006

Kogan, M. "Mining the Web to Improve Text Classification." Presented at CSI Undergraduate Research Conference, Staten Island, NY, April 2006

Kogan, M. "Exploring Queries for Background Knowledge for Text Classification." Presented at CSI Undergraduate Research Conference, Staten Island, NY, April 2005

Kogan, M. and Belmonti, V. "Coding and Computation with Spiking Neurons." Presented at CSI Undergraduate Research Conference, Staten Island, NY, April 2004

Professional Membership

Association for Computing Machinery
American Sociological Association