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
   Colledge 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 Suma 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

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