Zhiya Zuo

Personal

Address: N500, College of Public Health Building, 145 N Riverside, Iowa City, IA, 52242
Website: http://zhiyzuo.github.io
Email: zhiya-zuo@uiowa.edu
Phone: +1-510-320-2512

Research Interests

Science of Science | Social Network Analysis | Topic Modeling | Data Science

Professional Experience

2016 - Current	Teaching Assistant at Dept. of Management Sciences University of Iowa, Iowa City, IA
2017 - Current	Statistical Consultant at Iowa Social Science Research Center Python Tutorials in Jupyter Notebooks University of Iowa, Iowa City, IA
May 2018 - August 2018	Visiting Research Assistant at Information Sciences Institute University of Southern California, Marina Del Rey, CA *Information Diffusion in Social Networks* Supervised by Prof. Kristina Lerman
April 2018 - June 2018	Teaching Assistant at Spring 2018 Complexity Challenge Santa Fe Institute, Santa Fe, NM
Sep 2012 - Jun 2014	Research Assistant at LeVis Group Tongji University, Shanghai, China *Mining Traditional Chinese Medicine Data*

Education

Sept 2014 - Current	PhD in Informatics (GPA 4/4), **University of Iowa**, Iowa City, IA Subtrack: Information Science Advisor: Prof. Kang Zhao
Jun 2017 - Jul 2017	**Santa Fe Institute**, Santa Fe, NM Complex System Summer School
Sept 2010 - Jun 2014	BE in Automation (GPA 4.3/5), **Tongji University**, Shanghai, China Major: Control Science and Engineering Thesis: "HealthMgr: An Android Application for Health Self-management" Advisor: Prof. Guo-Zheng Li

Work in Progress

- Zhiya Zuo, Kang Zhao, and Jennifer Blackhurst. Modelling Supply Chain Adaptation for Supply Chain Disruptions: An Empirically Grounded Complex Adaptive Systems

Approach. Submitted to Journal of Operations Management. 5th Revision.

- Zhiya Zuo, Haifeng Qian, and Kang Zhao. Understanding the Field of Public Affairs through the Lens of Ranked Ph.D. Programs in the United States. In preparation.

- Zhiya Zuo, and Kang Zhao. A Graphical Model for Topical Impact Over Time. In preparation.

- Zhiya Zuo, and Kang Zhao. Hiring in academic: Effects of Prestige from Collaborators. In preparation.

PUBLICATION

[1] Zhiya Zuo and Kang Zhao. "The more multidisciplinary the better?–The prevalence and interdisciplinarity of research collaborations in multidisciplinary institutions". In: *Journal of Informetrics* 12.3 (2018), pp. 736–756.

[2] Zhiya Zuo, Kang Zhao, and David Eichmann. "The state and evolution of US iSchools: From talent acquisitions to research outcome". In: *Journal of the Association for Information Science and Technology* 68.5 (2017), pp. 1266–1277.

[3] Li Huang, Shixing Yan, Jiamin Yuan, Zhiya Zuo, Fuping Xu, Yanzhao Lin, Mary Qu Yang, Zhimin Yang, Guo-Zheng Li, et al. "Comparing of feature selection and classification methods on report-based subhealth data". In: *2016 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*. IEEE. 2016, pp. 1356–1358.

[4] Xi Wang, Zhiya Zuo, Yang Zhang, Kang Zhao, Yung-Chun Chang, and Chin-Shun Chou. "Investigating Regional Prejudice in China Through the Lens of Weibo". In: *International Conference on Social Informatics*. Springer International Publishing. 2016, pp. 500–513.

[5] Zhiya Zuo, Xi Wang, David Eichmann, and Kang Zhao. "Research Collaborations in Multidisciplinary Institutions: a Case Study of iSchools". In: *Proceedings of the 25th International Conference Companion on World Wide Web*. International World Wide Web Conferences Steering Committee. 2016, pp. 443–448.

[6] Xi Wang, Zhiya Zuo, and Kang Zhao. "The Evolution and Diffusion of User Roles in Online Health Communities: A Social Support Perspective". In: *2015 International Conference on Healthcare Informatics (ICHI)*. IEEE. 2015, pp. 48–56.

[7] Xi Wang, Zhiya Zuo, Kang Zhao, and Nick Street. "Predicting User Participation and Detecting User Role Diffusion in Online Health Communities". In: *Healthcare Informatics (ICHI), 2015 International Conference on*. IEEE. 2015, pp. 483–483.

[8] Sheng Sun, Zhiya Zuo, Guo–Zheng Li, and Xiaobo Yang. "Subhealth state classification with AdaBoost learner". In: *International Journal of Functional Informatics and Personalised Medicine* 4.2 (2013), pp. 167–179.

PRESENTATIONS/POSTERS

- "More Equality on the Internet? Analyzing How Identities Constrain (or Liberate) Online Communication", 4th IC2S2 **datathon winner**, Illinois, USA, 2018

- "Collaborations matters: Faculty Hiring in Information Schools", 4th IC2S2, Illinois, USA, 2018

- "A Graphical Model for Topical Impact over Time", 4th Annual International Conference on Computational Social Science (IC2S2), Illinois, USA, 2018

- "A Graphical Model for Topical Impact over Time", Data Science for Business and Economics at Purdue University, 2018

- "A Graphical Model for Topical Impact over Time", the ACM/IEEE Joint Conference on Digital Libraries (JCDL), Texas, USA, 2018

- "Systematic Investigation of Sex Disparity in Multidisciplinary Institutions – A Case Study of U.S. iSchools", 80th Annual Meeting of the Association for Information Science and Technology (ASIS&T), Washington D.C., USA, 2017
- "The Prevalence and Interdisciplinarity of Collaborations in Multidisciplinary Institutions – a Case Study of iSchools", Science of Team Science Conference (SciTS), Arizona, USA, 2016

PROFESSIONAL SERVICE

CONFERENCE/WORKSHOP (SUB)REVIEWER

- ACM Special Interest Group on Knowledge Discovery and Data Mining (SIGKDD)
- China Summer Workshop on Information Management (CSWIM)
- Conference on Information System and Technology (CIST)
- Hawaii International Conference on System Sciences (HICSS)
- INFORMS Workshop on Data Science
- International Conference on Information Systems (ICIS)
- International Conference on Smart Health (ICSH)
- International Conference on Social Computing, Behavioral-Cultural Modeling, Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS)
- Pacific Asia Conference on Information Systems (PACIS)
- Workshop on Information Technology and Systems (WITS)
- WWW Workshop on Big Scholarly Data (BigScholar)

JOURNAL (SUB)REVIEWER

- Computers in Biology and Medicine
- Journal of Operations Management. Special Issue: *A Complex Adaptive Systems Paradigm for Operations & Supply Chain Issues*
- IEEE Transactions on Emerging Topics in Computing. Special Issue: *Scholarly Big Data*

PROFESSIONAL SKILLS

Advanced:	Python
Intermediate:	R, Java, Weka, HTML, PostgreSQL, Git, Linux, Bash
Novice:	SQLite, Windows, LaTeX, CSS, JavaScript, Android