

## CURRICULUM VITAE

a) **Name:** Lu Xiao  
**Rank:** Assistant Professor  
**Tenured:** Tenure-track  
**Full-time or adjunct status:** Full-time

| <b>Degree</b> | <b>University</b>             | <b>Department</b>                           | <b>Year</b> |
|---------------|-------------------------------|---|-------------|
| Ph.D.         | Pennsylvania State Univ., USA | College of Information Sci. and Tech. (IST) | 2008        |
| M.S.          | University of Florida, USA    | Computer & Information Sci. & Eng. (CISE)   | 2001        |
| B.S.          | Hunan University, China       | Chemical Engineering (ChE)                  | 1996        |

### c) **Employment History**

| <b>Date</b>     | <b>Rank &amp; Position</b>               | <b>Department</b>  |
|-----------------|--|--|
| 01/12 – present | Assistant Professor (cross appointment)  | Department of Computer Science (CS),<br>University of Western Ontario,<br>London, CANADA           |
| 07/08 – present | Assistant Professor                      | Faculty of Information & Media Studies (FIMS),<br>University of Western Ontario,<br>London, CANADA |
| 07/09 – 07/10   | Visiting Scholar                         | College of Information Sci. and Tech. (IST),<br>Pennsylvania State Univ., PA, USA                  |
| 05/07 – 08/07   | Lecturer                                 | IST, Pennsylvania State Univ., PA, USA   |
| 08/06 – 04/07   | Teaching Assistant                       | IST, Pennsylvania State Univ., PA, USA   |
| 08/03 – 07/08   | Research Assistant                       | IST, Pennsylvania State Univ., PA, USA   |
| 08/02 – 05/03   | Research Assistant                       | Department of Computer Science (CS),<br>Virginia Tech, VA, USA                                     |
| 05/00 – 05/02   | Teaching Assistant                       | CISE, University of Florida, FL, USA   |
| 08/98 – 04/00   | Research Assistant                       | Department of Chemical Engineering (ChE),<br>University of Florida, FL, USA                        |
| 05/93 – 08/93   | Manager Assistant<br>(Summer internship) | Hunan Import & Export Chemicals<br>Company   |

### **Alternative Workloads and/or Reduced Responsibilities**

2006/7 academic year 1st maternity leave  
2008/9 academic year 2nd maternity leave  
2009/10 academic year 3rd maternity leave

### d) **Academic Honours**

2013 Fantastic FIMS Award Winner: Faculty-wide nomination and voting run by the MLIS Student Council

2011 Best Paper Award from International Conference on Advanced Learning Technologies

(ICALT) 2011 for article “*The Practice of Rationale Sharing in Virtual Group Learning Activities: An Empirical Study*”

|             |   |                                   |
|-------------|---|-----------------------------------|
| 2006        | Finalist of Google Anita Borg Memorial Scholarship – US nationwide application (42/334 applicants) [\$1000 award] |                                   |
| 2006 – 2007 | Graduate Teaching Assistantship,  | Pennsylvania State Univ., PA, USA |
| 2003 – 2008 | Graduate Research Assistant   | Pennsylvania State Univ., PA, USA |
| 2002 – 2003 | Graduate Research Assistant   | Virginia Tech, VA, USA            |
| 2000 – 2002 | Graduate Teaching Assistantship   | University of Florida, FL, USA    |
| 1998 – 2000 | Graduate Research Assistantship   | University of Florida, FL, USA    |

e) **Scholarly and Professional Activities:**

**Invited Presentations**

- Mar. 26, 2014 “*Informal Learning in Community*”, Faculty of Education, UWO
- Mar. 3, 2014 “*Shared Rationales in Group Ideation and Deliberation Activities*”, Xerox Research Centre Europe (XRCE), Grenoble, France
- Apr. 17, 2013 “*Design for Group Ideation and Deliberation Activities*”, Graduate School of Library and Information Science, Simmons College
- Mar. 2013 Interviewed by the Digital History Group on HASTAC (Humanities, Arts, Science, and Technology Advanced Collaboratory) at Harvard University, as part of the Group's Spring Spotlight Series. The Spotlight's topic is Digital History's Relationship to Human Rights Archives and Data Analysis, (<http://www.hastac.org/blogs/bendavidweber/2013/03/17/spring-spotlight-3-digital-history's-relationship-human-rights-archiv>)
- Jun. 21, 2012 “Digging into Human Rights Violation: What We Know and What We Don't” (with Dr. Ben Miller and Dr. Karthikeyan Umaphathy)

**Other Invitation**

- Feb. 2014 Invited to attend 2014 Ontario Education Research Symposium (Feb. 19 – 20, Toronto)
- Jun. 2013 Faculty advisor, Doctoral Consortium at the 6<sup>th</sup> International Conference on Communities and Technologies (C&T), June 30, Munich, Germany
- Feb. 2012 Invited to attend 2012 Ontario Education Research Symposium (Feb. 22 – 23, Toronto), *unable to attend due to schedule conflict*
- Feb. 2012 Faculty advisor, the Speed Networking event for Western's Scholar's Elective program, University of Western Ontario

**External Reviewer**

**Journals**

*Computers in Human Behaviour* (7 articles), *Journal of Organizational and End User Computing* (1 article), *Human Technology: An Interdisciplinary Journal on Humans in ICT Environments* (1 article), *Journal of Community Informatics* (3 articles), *International Journal of Machine Learning and Cybernetics* (1 article)

**Conferences**

*The 18th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*(1 article),

47<sup>th</sup> Hawaii International Conference on System Sciences (HICSS-47) (2 articles), The 2<sup>nd</sup> STEM in Education Conference (3 articles), 41<sup>st</sup> Annual Conference of the Canadian Association of Information Science (CAIS/ACSI) (3 articles), Annual Meeting of Healthcare Information and Management Systems Society (HIMSS) 2013 (12 articles), 75<sup>th</sup> Annual Meeting of American Society for Information Science and Technology (ASIS&T) (1 article), ACM conference on Designing Interactive Systems (DIS) 2012 (1 article), , 20<sup>th</sup> European conference on Information Systems (ECIS) (2 articles), 16th IEEE International Conference on Computer Supported Cooperative Work in Design (CSCWD) (2 articles), 4<sup>th</sup> International Conference on Communities and Technologies (C&T) (3 articles), 37<sup>th</sup> Annual Conference of the Canadian Association of Information Science (CAIS/ACSI) (4 articles), 17th Americas Conference on Information Systems (AMCIS) (1 article)

### **Organizer/Co-Organizer/Symposium/Conference Program**

- Co-Chair, SIGUSE Symposium at 77th Annual Meeting of American Society for Information Science and Technology (ASIS&T), Oct. 31- Nov. 4, 2014, Seattle, WA, USA
- Co-organizer of the New Member/First Time Attendee program at 76<sup>th</sup> Annual Meeting of American Society for Information Science and Technology (ASIS&T), Nov. 2 – 6, 2013, Montreal, Canada
- Organizer of the Panel “Towards Automatic Reading and Visualizing Textual Data about Human Rights Violation”, the World Social Science Forum 2013 (October 13rd – 15th, Montreal, QC, Canada)
- Co-organizer, Workshop of “Large Scale Idea Management and Deliberation Systems”, 6<sup>th</sup> International Conference on Communities and Technologies (C&T), June 29, 2013, Munich, Germany
- Co-organizer, Workshop of “Large Scale Idea Management and Deliberation Systems”, 10th International Conference on the Design of Cooperative Systems, May 29, 2012, Marseille, France
- Lead organizer, Workshop of “Cultivating Reflective Practices in Computer-Mediated Distributed Teamwork”, 2012 iConference, Feb. 7, Toronto, Canada

### **Program Committee**

10<sup>th</sup> IEEE eScience 2014 (Oct. 20 – 24, Guarujá, SP, Brazil), 4<sup>th</sup> International Conference on Communities and Technologies, 41<sup>st</sup> Annual Conference of the Canadian Association of Information Science (CAIS/ACSI), 37<sup>th</sup> Annual Conference of the Canadian Association of Information Science (CAIS/ACSI)

### **Thesis Chair**

- |           |  |
|-----------|--|
| Dec. 2013 | M.Sc Thesis Examination, Meng Tang, <i>Color Separation for Image Segmentation</i> , Computer Science, UWO   |
| Dec. 2013 | M.Sc Thesis Examination, Andrea Campbell-Davison (Health Information Science Program), <i>Exploring Accuracy In Journalism Stories Reporting On Neuroscience Research Findings: A Comparative Case Study</i> , FIMS, UWO |
| Oct. 2012 | Ph.D. Thesis Examination, Michael Wood ((Business Administration Program), <i>Organizational Perceptions and Responses to the Natural Environment</i> , Ivey Business School, UWO  |

### **Host of Research Visits**

- |           |  |
|-----------|--|
| Apr. 2014 | Host, Prof. J. Stephen Downie (the University of Illinois at Urbana-Champaign). Prof. Downie is the Associate Dean for Research and a Professor at the Graduate School of Library and Information Science, and the Illinois Co-Director of the HathiTrust Research Center. He gave a talk – “HathiTrust Research Center: The Workset Creation for Scholarly Analysis (WCSA) Prototyping Project” (Apr. 14, 2014) |
| Jan. 2014 | Co-host (with Dr. Immaculate K. Namukasa), Dr. Ning Ma’s three day visits to University of Western Ontario (Jan. 16 – 18, 2014). Dr. Ma gave a public talk at Faculty of Education, “The   |

Popularization Project of "Utilizing Education Technology to Improve Education Quality in Chinese Rural Schools" (Jan. 16, 2018)

- Jun. 2013 Host, Prof. Yongmei Liu (Central South University, China)'s visit to my research lab and meeting with the lab members (<http://hii.fims.uwo.ca>)
- Jun. 2012 Host, Dr. Ben Miller (Georgia State Univ.) and Dr. Karthikeyan Umopathy (Univ. of North Florida)'s two-day visit to Faculty of Information & Media Studies, the University of Western Ontario
- Apr. 2012 Host, Dr. Ágnes Sándor (project leader, XEROX Research Institute Europe)'s two-week visit to my lab Human-Information Interaction Research Lab and Faculty of Information & Media Studies (FIMS) (Jun. 12 – 22, 2012). Arranged and recorded her talk "Detecting knowledge-level claims in research articles", and made it publicly available online (with her permission)
- Dec. 2011 Host, Dr. Shengquan Yu's public lecture "Organization Model of Ubiquitous Learning Resource —From Learning Object to Learning Cell" (Feb. 6<sup>th</sup>, 2012, the University of Western Ontario)

### **Other**

- Feb.- Apr. 2014 Chair, Election Committee, International Chinese Association of Computer Human Interaction (ICACHI)
- Oct. 2013 Volunteer – attended the roundtable session with funders of Digging into Data competition, Oct. 13, Montreal, Canada
- Oct. 2013 Volunteer - gave a closing remark at 2013 Digging into Data conference, Oct. 12, Montreal, Canada
- Apr. 2013 Visitor, Human Ingenuity Research Group, the University of Western Ontario (<http://www.edu.uwo.ca/hirg/>)
- Mar. 2013 Participated in discussion about Knowledge Forum project, Institute for Knowledge Innovation & Technology, University of Toronto (<http://ikit.org/index.html>)
- Mar. 2013 Participated in FIMS LIS Doctoral Research Day
- Mar. 2013 Participated in Technology in Education Symposium, March 4, the University of Western Ontario
- Jan. – Apr./13 Visitor, participated in biweekly meetings of Prof. Natalie Allen's research lab – group, psychology, University of Western Ontario
- Feb. 2013 Visitor, iCONNECT company (London, ON), on shared interests of developing visual analytic tools
- Feb. 2013 Attended Big Social Data Workshop, iConference 2013, Fort Worth, TX, USA
- Nov. 2012 Visitor, Dr. Shengquan Yu's research group (School of Educational Technology, Beijing Normal University), purpose: research experience exchange on supporting community-based learning activities through social networking technologies
- Jan. 2012 Visited the Lab of Second Century Initiative in New and Emerging Media, Georgia State University for the first meeting on Digging into Data project – Dr. Ben Miller is the co-director of the lab
- Oct. 2011 Visitor, Dr. Yibing Zhang's research group (Nanjing Normal University), purpose: research experience exchange on computer-supported collaborative learning and knowledge forum
- Feb. 2011 Judge, the Research Forum at the University of Western Ontario

Jun. 2009 Visitor, the Computer-Supported Collaboration and Learning Lab at Pennsylvania State University (<http://cscl.ist.psu.edu>)

**Significant Faculty and University Administrative Duties:**

Jul. 2013 – Jun. 2014 Member, Appeals Committee Member, FIMS

Jul. 2013 – Jun. 2014 Committee Member, Doctoral Program, Library and Information Science (LIS), FIMS

Jan. – Jun. 2013 Member, University’s Ethics Review Board for Non-Medical Research, UWO

Jul. 2012 – Jun. 2013 FIMS Council Representative to External Committees – Science, UWO, London, Canada

Jul. 2010 – Jun. 2013 Research Committee Member, FIMS

Jul. 2008 – Jun. 2009 Committee Member (alternative), Master’s Program, LIS, FIMS, UWO, London, Canada

f) **Graduate and Undergraduate Supervisions: (Career Totals)**

|   | Number successfully completed | Number in Progress |
|---|-------------------------------|--------------------|
| <b>Post-Doctoral Researcher</b>                     | 4                             |                    |
| <b>Total Post-Doc. Researcher:</b>                  |                               | <b>4</b>           |
| <b>Doctoral Students</b>                            |                               |                    |
| <i>Thesis</i>                                       |                               |                    |
| As Chief Advisor                                    |                               | 2                  |
| As member of Advisory Committee                     |                               | 2                  |
| As member of Thesis Examining Committee             | 3                             |                    |
| <i>Guided research courses</i>                      | 2                             |                    |
| <i>Supervised research studies through projects</i> | 7                             |                    |
| <b>Total Doctoral:</b>                              |                               | <b>16</b>          |
| <b>Master’s Students</b>                            |                               |                    |
| <i>Thesis</i>                                       |                               |                    |
| As Chief Advisor                                    | 1                             |                    |
| As member of Advisory Committee                     |                               |                    |
| As member of Examining Committee                    | 6                             |                    |
| <i>Guided research courses</i>                      | 6                             |                    |
| <i>Supervised research studies through projects</i> | 11                            |                    |
| <b>Total Master’s:</b>                              |                               | <b>24</b>          |

| <b>Undergraduate Students</b>     |    |           |
|-----------------------------------|----|-----------|
| <i>Scholar's Elective program</i> | 1  |           |
| <i>Research project</i>           | 2  |           |
| <i>Work-Study program</i>         | 12 |           |
| <b>Total Undergraduates</b>       |    | <b>15</b> |

### **Post-Doctoral Researcher**

1. *Factors Influencing Trojan UV Distributed Team Project Decision- Making Processes in Cross-Cultural Context.* (Olga Buchel, post-doctoral researcher, LIS, completed, Feb. – Aug. 2012, MITACS Accelerate Grant). The brief study description (as a research note) will appear in the *iConference 2014* Proceedings.
2. *Supporting Reflection in Distance Education with Visualization of Lecture Notes* (Olga Buchel, post-doctoral researcher, LIS, in progress, started Jan. 2013). The brief study description (as a poster) was accepted by *13th IEEE International Conference on Advanced Learning Technologies (ICALT)* but we withdrew from the conference due to travel fund issue.
3. *Factors Influencing Trojan UV Distributed Team Project Decision- Making Processes in Cross-Cultural Context.* (Jennifer Martin, post-doctoral researcher, Media Studies, completed, Feb. – Aug. 2012, MITACS Accelerate Grant). The brief study description (as a research note) will appear in the *iConference 2014* Proceedings.
4. *Digging into Human Rights Violation Data* (Tatiana Vashchilko, post-doctoral researcher, Political Science, completed, Mar. – Apr. 2012, July – Aug. 2012, SSHRC Digging into Data Research Grant). The brief study description (as a poster) appeared in the *iConference 2012* Proceedings.

### **Ph.D. Level**

#### **Ph.D. Thesis Chief/Co- Advisor**

1. *Collaborative Visual Analytics*, tentatively (Ali Javanmardi, in progress, NSERC Discovery Grant, **SSHRC Insight Grant**) – **Computer Science, UWO**
2. *Large-scale Online Deliberation Analytics*, tentatively (Taraneh Khazaee, passed Topics Survey/Proposal on Mar. 12, 2014, NSERC Discovery Grant) – **Computer Science, UWO**

#### **Ph.D. Dissertation Committee Member**

3. *Alternate Academy: Examining the distribution and use of open educational resources in South Africa*, tentatively (Daniel Onaifo, in progress, started 2011). Daniel passed his comprehensive exam in May 2013. – **Library and Information Science (LIS), UWO**
4. *Knowledge translation as a panacea for achieving the Millennium Development Goals (MDGs) in developing countries: Investigating the Knowledge Translation Practices in Agriculture Research Institutes in Nigeria* (Isioma Elueze, in progress, started 2011). Isioma passed her comprehensive exam in Apr. 2014. - **Library and Information Science (LIS), UWO**

#### **Ph.D. Thesis Examining Committee**

5. *Interacting with Visual Representations for Complex Cognitive Activities* (Paul Parsons, completed, Sept. 2013) - **Computer Science, UWO**

6. *Understanding Teachers' Information Needs, Perceived Competencies, and Information Seeking Behaviours for Special Education Information* (Michelle Servais, completed, Aug. 2012) –**Education, UWO**
7. *An Adaptive Framework To Provide Personalisation For Mobile Learners* (Ahmed Al-Hmouz, completed, Feb. 2012) - **Information Systems & Technology, University of Wollongong, Australia**

#### **Ph.D. Directed Supervised Study – Library and Information Science (LIS) Program**

8. *A Synthetic Analysis of Human Rights Violation Research* (Tatiana Vashchilko, May. – Aug. 2013). We are co-authoring a journal paper based on this study (to be submitted in Jan. 2014)
9. *Music Information Retrieval (MIR) and Recommendation Systems* (Jason Neal, May – Aug. 2011). Jason published a book chapter as a result of this study: Neal, J. 2012. Precedent or preference? Music recommender systems and the challenge of genre. In *Indexing and Retrieval of Non-text Information*. Diane Rasmussen Neal (ed.). Knowledge and Information Series. Wolfgang G. Stock (series ed.). Berlin: De Gruyter Sauer (pp. 15-39)

#### **Ph.D. Research Assistant Supervisor**

10. *Design, Implementation, and Evaluation of a Community-based Informal Learning Workshop in London (Canada) and Shanghai (China)* (Isioma Elueze, LIS, May – Jun. 2013, University's International Research Award).
11. *Digging into Human Rights Violation Data* (Isioma Elueze, LIS, Jun – Aug. 2013, SSHRC Digging into Data Grant)
12. *Digging into Human Rights Violation Data* (Yan Luo, CS, May – Dec. 2013, SSHRC Digging into Data Grant) I supervised Yan in developing a tool that combines text mining and visualization techniques to facilitate the analysis of audio/video interviews in human rights research. We co-authored and co-presented a paper at the workshop “Big Humanities” of 2013 IEEE Big Data conference (Oct. 6 – 8, Santa Clara, CA, USA)
13. *Participatory Design of Web Interfaces for a Sensor-based Home Technology* (Jennifer Martin, Media Studies, Sept. 2011 – Apr. 2012, NSERC Engage Grant).
14. *Analysis of Shared Rationales with Rhetorical Structure Theory* (Tatiana Vashchilko, LIS, Jan. – Aug. 2011, Faculty Internal Research Grant).
15. *Sharing Rationales in Iterative Human Computation Processes* (Da Kuang, CS, May – Dec. 2011, Faculty Internal Research Grant).
16. *Visualization Mechanism of Shared Rationales in Instant Messaging* (Vadim Mazalov, CS, Jun. – Dec. 2011, NSERC Discovery Grant). I supervised Vadim in developing the visualizations to present shared rationales during instant messaging. We co-authored a poster paper which appeared in *Proceedings of iConference 2012 and CSCW 2012*

### **Master's Level**

#### **Master's Thesis Chief/Co- Advisor**

1. *A Computational Linguistic Approach towards Understanding Wikipedia's Article for Deletion (AfD) Discussions* (Wanting Mao, passed defense on Apr. 21, 2014, NSERC Discovery Grant) – **Computer Science**
2. *Web-based Design to Support Online Deliberation* (Mengshuo Chen, the student withdrew from thesis option due to personal reason, Sept. 2012 – Aug. 2013, NSERC Discovery Grant) – **Computer Science**

#### **Master's Thesis Examining Committee**

3. *Automated Discovery And Installation Of Network-Attached Peripheral Devices* (Lawrence Alan Mandel, completed, Sept. 2011) – **Computer Science, UWO**
4. *Collaborative Knowledge Building, Design and Learning* (Hongmei Lu, Sept. 2011) – **Mechanical and Material Engineering, UWO**
5. *Relations of Mathematics Teacher Education Research Categories with Pre-Service Teacher Education Syllabi* (Leslie-Anne R. Purdy, completed, Apr. 2012) - **Education, UWO**
6. *Understanding the impact of privacy concerns and trust on social networking sites: Analysing user intentions towards willingness to share digital identities* (Sanjib Tiwari, completed Apr. 2012) - **Business Research, University of Southern Queensland, Australia**
7. *The Effects of Equity Sensitivity and Teamwork Self-Efficacy on Team Reward Preference* (Hayden Jerney Randolph Woodley, completed, Jul. 2012) - **Psychology, UWO**
8. *GIS-Based Local Ordered Weighted Averaging: A Case Study in London, Ontario* (Xinyang Liu, completed, Apr. 2013) - **Geography, UWO**

#### **Master's Guided Research Study – MLIS Curriculum**

9. Design, Implementation, and Evaluation of a Community-based Informal Learning Workshop in London (Canada) and Shanghai (China) (Vanessa Eastmure, May – Aug. 2014)
10. Information Studies in Group Decision Making: A Literature Review (Vanessa Eastmure, Jan. – Apr. 2014)
11. An Experimental Study to Understand the Decision Making Processes in Hidden Profile Task (Richelle Witherspoon, May – Dec. 2013)
12. A Cognitive Walkthrough Study of the Sensor-data based Home Monitoring Web Interfaces (Xueheng Yan, Sept. – Dec. 2012) The evaluation study appeared as a conference paper in *Proceedings of 76<sup>th</sup> Annual Meeting of the Association for Information Science & Technology (ASIS&T)*
13. A Heuristic Evaluation of the Sensor-data based Home Monitoring Web Interfaces (Alison Emery, Sept. – Dec. 2012) The evaluation study appeared as a conference paper in *Proceedings of 76<sup>th</sup> Annual Meeting of the Association for Information Science & Technology (ASIS&T)*
14. *OpenBook WordPress Plugin: Linking to a Library Records Using an OpenURL* (John Miedema, completed, Apr. – Aug. 2009). John published an article as a result of this study: Linking to Library Records with OpenURL Using the OpenBook WordPress Plug-in, *Information Standards Quarterly*, 01/2009

#### **Master's Research Assistant Supervisor**

15. *Design, Implementation, and Evaluation of a Community-based Informal Learning Workshop in London (Canada) and Shanghai (China)* (Joshua Herter, LIS, Oct. 2013, University's International Research Award)
16. *Development of a Visualization Tool for Team Decision-Making* (Mengshuo Chen, CS, Sept. 2012 – Aug. 2013, NSERC Discovery Grant)
17. *Digging into Human Rights Violation Data* (Xueheng Yan, LIS, Feb. – Aug. 2013, SSHRC Digging into Data Grant)
18. *Digging into Human Rights Violation Data* (Jillian R. Kavanaugh, LIS, Sept. 2012 – Apr. 2013, SSHRC Digging into Data Grant)
19. *Wikipedia as an Academic Publishing Venue: Challenges and Advantages* (Lindsey Baker, LIS, Jan. - Feb. 2013)
20. *Digging into Human Rights Violation Data* (Lindsey Baker, LIS, Feb. – Jun. 2013, SSHRC Digging into Data



Grant)

21. *Content Analysis of Wikipedia's Article for Deletion (AfD) Discussions* (Joel Sherlock, LIS, Jan. 2012, NSERC Discovery Grant)
  22. *Content Analysis of Wikipedia's Article for Deletion (AfD) Discussions* (Meredith Fischer, LIS, Jan. 2012, NSERC Discovery Grant)
  23. *Web interface design of sensor-based home technology for senior's informal caregivers* (Valentin Kelemen, LIS, Sept. 2011 – Mar. 2012, MITACS Accelerate)
  24. *Usability testing of MessageFlower* (William Klie, LIS, Sept. – Dec. 2011, NSERC Discovery Grant)
  25. *Design of Shared Rationale Space in Virtual Group Workspace* (Delei Feng, CS, Jan. – Aug. 2009, Faculty Internal Research Grant)
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### **Undergraduate Supervision of Research**

#### **Scholar's Elective Program**

1. Wikipedia as an academic publishing venue: challenges and advantages (Nicole Askin, English, Sept. 2010 – Aug. 2012) – Honour Program. We co-authored two journal articles on the topic: Xiao & Askin, in press.b; Xiao & Askin, 2012.

#### **Research Projects**

2. Content Analysis of Article for Deletion (AfD) Discussions in Wikipedia (Nicole Askin, English, Sept. 2011 – Apr. 2013, NSERC Discovery Grant). We co-authored an journal article, Xiao & Askin, in press.a
3. Web interface design of sensor-based home technology for senior's informal caregivers (David Gallant, CS, Sept. 2011 – Mar. 2012, NSERC Engage Grant)

#### **Work-Studies**

4. Community-based Math Workshops (Haozhe Chen, Jul. – Aug. 2014)
5. Human Annotation of Wikipedia Article for Deletion (AfD) discussion (Natalie Perrault, Feb. – Mar. 2014)
6. Human Annotation of Wikipedia Article for Deletion (AfD) discussion (Joong Han, Feb. – Apr. 2014)
7. The Role Of Rationale Sharing In Hidden Profile Tasks (Yumo Yin, Sept. 2012 – Apr. 2013)
8. The Role Of Rationale Sharing In Hidden Profile Tasks (Achchana Nadarajah, Sept. 2012 – Apr. 2013)
9. The Role Of Rationale Sharing In Hidden Profile Tasks (Fan Wu, Jun. 2013)
10. The Role Of Rationale Sharing In Hidden Profile Tasks (Ting Ng, May. 2013)
11. The Role Of Rationale Sharing In Hidden Profile Tasks (An An, Jun. – Aug. 2013)
12. Web interface design of sensor-based home technology for senior's informal caregivers (Paras Jain, 2011 - 2012)
13. Tabletop Software Program Survey (Hing-Chuen Chan, Sept. 2010 – Apr. 2011)
14. Rationale Sharing In Small Group Learning Activities (Lam Cheung, Jun. 2011)

15. Web Design Of The HII Lab (Shu Wai Fung, Sept. – Oct. 2010)

**g) Courses Taught** (all are graduate courses **except** IST 413)

Summer 2014 Guided Research Study: Vanessa Eastmure

Winter 2014 LIS 9706 User Experience Research Faculty of Information & Media Studies  
LIS 9004 Research Methods & University of Western Ontario, London, CANADA  
Statistics  
Guided Research Study: Vanessa Eastmure

Fall 2013 LIS 9004 Research Methods & Statistics Faculty of Information & Media Studies  
LIS 9004 Research Methods & University of Western Ontario, London, CANADA  
Statistics  
Guided Research Study: Richelle Witherspoon

Summer 2013 LIS 9706 User Experience Research Faculty of Information & Media Studies  
LIS 9004 Research Methods & University of Western Ontario, London, CANADA  
Statistics  
Guided Research Study: Richelle Witherspoon

Fall 2012 LIS 9004 Research Methods & Statistics Faculty of Information & Media Studies  
LIS 9004 Research Methods & University of Western Ontario, London, CANADA  
Statistics  
Guided Research Study: Alison Emery  
Xueheng, Yan

Summer 2012 LIS 9706 Human-Computer Interaction: Faculty of Information & Media Studies  
The User and Technology University of Western Ontario, London, CANADA  
LIS 9004 Research Methods &  
Statistics

Summer 2011 LIS 9706 Human-Computer Interaction: Faculty of Information & Media Studies  
The User and Technology University of Western Ontario, London, CANADA  
LIS 9004 Research Methods &  
Statistics

Fall 2010 LIS 9731 Database Management Faculty of Information & Media Studies  
Systems University of Western Ontario, London, CANADA  
LIS 9706 Human-Computer Interaction  
The User and Technology

Summer 2009 Guided Research Study: John Miedema Faculty of Information & Media Studies  
University of Western Ontario, London, CANADA

Winter 2009 LIS 9724 Web Usability: Faculty of Information & Media Studies  
Theory and Practice University of Western Ontario, London, CANADA

Fall 2008 LIS 9741 Programming for Library and Faculty of Information & Media Studies  
Information Science Application University of Western Ontario, London, CANADA

Summer 2007 IST 413 Usability Engineering College of Information Sciences and Technology

**h) Research Funding** (from 1<sup>st</sup> academic appointment Jul. 2008)

NSERC stands for The Natural Sciences and Engineering Research Council of Canada

SSHRC stands for The Social Sciences and Humanities Research Council of Canada

| <b>Start Date</b>                       | <b>End Date</b> | <b>PI</b>        | <b>Co-PI</b>                                   | <b>Grantor</b>   | <b>Title</b>   | <b>Amount<br/>(CAN or otherwise indicated)</b>                                     |
|---|-----------------|------------------|--|--|--|--|
| May 2014                                | Aug. 2014       | <b>Xiao, L.</b>  |  | MITACS Globalink   | Evaluation of a Web 2.0 based Informal Learning Environment for Math Education   | Travel, living and medical insurance expense of an international intern (12 weeks) |
| Mar. 2014                               | Mar. 2014       | <b>Xiao, L.</b>  |  | Xerox Research Center Europe Travel Grant                | Give a talk at Xerox Research Center Europe; talk title “Shared Rationales in Group Activities”                                      | EUR 500  |
| Submitted in Dec. 2013                  |                 | <b>Xiao, L.</b>  |  | UWO Mentoring Micro Grant                                | Attend the early career workshop at 2013 iConference   | \$2,000 (Declined)   |
| Submitted Nov. 18, 2013 (for 2014 – 17) |                 | <b>Xiao, L.</b>  | High, S., Mercer, R., Gasana, S., Kabayiza, C. | SSHRC Partnership Development Grant                      | Curating Testimony: a design-based partnership in creating digital environment for human rights remembrance, education, and research | \$197,408 (Declined)   |
| Submitted in Oct. 2013                  |                 | <b>Xiao, L.,</b> | Mercer, R., Sedig, K., Barrett, J.             | NSERC RTI  | Equipment in Support of Interactive Visualizations and Collaborative Activities  | \$63,605 (Declined)  |
| Oct. 2013                               | Jun. 2014       | Namukasa, I.     | <b>Xiao, L.</b>                                | Faculty Research Development Fund – Faculty of Education | Community-Based Informal Learning Program in Beijing, China, and London, Canada  | \$3,995  |
| Apr. 2013                               | Mar. 2014       | <b>Xiao, L.</b>  | Namukasa, I.                                   | University International Research                        | Design, Implementation, and Evaluation of a Community-based Informal   | \$6,622  |

|                         |           |                  |                                       | Award                                      | Learning Workshop   |                     |
|-------------------------|-----------|------------------|---------------------------------------|--|---|---------------------|
| Submitted in Jan. 2013  |           | <b>Xiao, L.</b>  | Buchel, O.                            | UWO SSHRC Internal Conference Travel Grant | IEEE International Conference on Advanced Learning Technologies - Beijing, China, July 15 - 18, 2013                              | \$2,723 (Declined)  |
| Submitted in Oct. 2012  |           | <b>Sedig, K.</b> | Xiao, L.<br>Mercer, R.<br>Barrett, J. | NSERC RTI                                  | Equipment in Support of Interactive Visualizations and Collaborative Activities   | \$60,686 (Declined) |
| Oct. 2012               | Oct. 2014 | <b>Xiao, L.</b>  |                                       | FIMS Internal Research                     | Towards understanding the factors of group decision making in cross cultural context  | \$2,500             |
| Mar. 2012               | Jul. 2012 | <b>Xiao, L.</b>  |                                       | MITACS Accelerate                          | To understand the decision making processes between two engineering teams that are located in Canada and China                    | \$25,511            |
| Submitted in Feb. 2012  |           | <b>Xiao, L.</b>  |                                       | UWO SSHRC Internal Conference Travel Grant | 2012 ACM Conference on Computer Supported Cooperative Work  | \$1,758 (Declined)  |
| Jan. 2012               | Dec. 2013 | <b>Xiao, L.</b>  |                                       | SSHRC                                      | Digging into Human Rights Violations: Anaphora Resolution and Emergent Witnesses  | \$60,700            |
| Submitted in Oct. 2011  |           | <b>Xiao, L.</b>  |                                       | NSERC RTI                                  | Understanding Users' Experiences with Collaborative Technologies  | \$78,249 (Declined) |
| Jul. 2011               | Mar. 2012 | <b>Xiao, L.</b>  |                                       | NSERC Engage                               | Design and Evaluation of User Interface for Interacting with Sensor Technology for Senior Residents and Their Informal Caregivers | \$13,900            |
| Submitted in July 2011  |           | <b>Xiao, L.</b>  |                                       | UWO SSHRC Internal Conference Travel Grant | HICSS 45 (Jan.4-7, 2012)  | \$3,464 (Declined)  |
| Submitted in June. 2011 |           | <b>Xiao, L.</b>  |                                       | NSERC Engage                               | Design SMART Tabletop Application to Support Family Activities with Young Children  | \$19,420 (Declined) |
| May. 2011               | Apr. 2013 | <b>Xiao, L.</b>  |                                       | FIMS Internal Research                     | An Experiment on the Role of Rationale in Iterative Human Computation Processes   | \$2,500             |

|                           |              |                 |  |   |  |  |
|---------------------------|--------------|-----------------|--|---|--|--|
| Submitted in<br>Apr. 2011 |              | <b>Xiao, L.</b> |  | NSERC<br>Engage   | User Experience Research of<br>SMART Table Applications in<br>Family Activities with Young<br>Children                       | \$64, 986<br>(Declined)  |
| Apr.<br>2011              | Mar.<br>2016 | <b>Xiao, L.</b> |  | NSERC<br>Discovery  | The value of visualizing shared<br>rationales for identifying<br>hidden profiles in virtual group<br>decision making         | \$70,000   |
| Submitted in<br>Feb. 2011 |              | <b>Xiao, L.</b> |  | Academic<br>Development<br>Fund: New<br>Research and<br>Scholarly<br>Initiatives<br>Award,<br><b>Small ADF<br/>Grants</b> | The Effects of Mediating<br>Artefacts in Parent-Child<br>Reading Activities: A<br>Comparative Experiment                     | \$8,489<br>(Declined)  |
| Jun.<br>2011              | Dec.<br>2011 | <b>Xiao, L.</b> |  | SSHRC<br>Internal<br>Conference<br>Travel Grant   | 11th IEEE International<br>Conference on Advanced<br>Learning Technologies<br>(ICALT)  | \$2, 240   |
| Submitted in<br>Oct. 2010 |              | <b>Xiao, L.</b> |  | SSHRC<br>Standard<br>Research   | The effects of rationale sharing<br>on knowledge convergence   | \$81, 829<br>(Declined)  |
| Oct.<br>2010              | Sep.<br>2012 | <b>Xiao, L.</b> |  | FIMS<br>Internal<br>Research  | Analysis of shared rationales in<br>virtual collaborative learning<br>activities   | \$2,500  |
| Submitted in<br>Aug. 2010 |              | <b>Xiao, L.</b> |  | SSHRC<br>Internal<br>Research<br>Application  | A Pilot Study: the Effects of<br>Rationale Sharing on Common<br>Knowledge in a Virtual<br>Collaborative Learning<br>Activity | \$6, 998<br>(Declined)   |
| Jul.<br>2009              | Jun.<br>2010 | <b>Xiao, L.</b> |  | UWO<br>SSHRC<br>Reapplication<br>Assistance   | Funds for SSHRC 4A proposal<br>Reapplication   | \$5,000  |
| May.<br>2009              | Jun.<br>2009 | <b>Xiao, L.</b> |  | UWO<br>SSHRC<br>Internal<br>Conference<br>Travel Grant  | 4 <sup>th</sup> Int. Conf. of Communities<br>& Technologies – State<br>College, PA   | \$1,725.00<br>(awarded but<br>did not use<br>the fund; fund<br>returned to<br>the<br>university) |
| Submitted in<br>Oct. 2008 |              | <b>Xiao, L.</b> |  | Academic<br>Development<br>Fund: New<br>Research and  | An exploratory study for<br>designing museum experiences<br>that promotes reflective<br>thinking                             | \$8,100<br>(Declined)  |

|                         |           |                 |  |   |  |
|-------------------------|-----------|-----------------|--|---|--|
|                         |           |                 | Scholarly Initiatives Award, <b>Small ADF Grants</b> |   |  |
| Submitted in Sept. 2008 |           | <b>Xiao, L.</b> | SSHRC Standard Research Program                      | The effects of rationale sharing on knowledge convergence     | \$229,395 (Declined) Rated as Fundable |
| Jan. 2009               | Dec. 2011 | <b>Xiao, L.</b> | FIMS Internal Research                               | Design a virtual group workspace to support rationale sharing | \$2,499.90                             |

i) **PUBLICATIONS**

1) **Life-time summary (count) according to the following categories:**

| <b>Publication Format</b>  | <b>Total</b>        |
|--|---------------------|
| Chapters in books  | 1                   |
| Papers in refereed journals  | 17 + 3 under review |
| Papers in refereed conference proceedings                          | 39 + 5 under review |
| Papers in abstract-refereed conferences                            | 8                   |
| Invited papers   | 1                   |
| Juried/other non-refereed papers                                   | 7                   |
| Media/technical reports and book reviews                           | 6                   |
| Papers read  | 39                  |
| Presentations at professional meetings/workshops and invited talks | 12                  |

**Google Scholar Citations Profile:** [http://scholar.google.ca/citations?user=z\\_Zyud4AAAAJ](http://scholar.google.ca/citations?user=z_Zyud4AAAAJ)

**Citation indices**

|           |     |            |   |
|-----------|-----|------------|---|
|           | All | Since 2009 | <b>Explanations:</b> Xiao's articles received <b>429 citations/326 since 2009</b> (as of 01/11/2014) with <b>h-index</b> (the largest number $h$ such that $h$ publications have at least $h$ citations): <b>10/10 since 2009, i10-index</b> (the largest number of publications with at least 10 citations): <b>13/10 since 2009</b> |
| Citations | 429 | 326        |   |
| H-index   | 10  | 10         |   |
| i10-index | 13  | 10         |   |

2) **Details** (from 2002 – present)

**Chapters in Books and Symposia**

1. Xiao, L., Convertino, G., Trauth, E., Carroll, J. M., Rosson, M. B., (2005) Supporting Culture in Computer-Supported Cooperative Work, In C. Ghaoui (Ed.), "The Encyclopedia of Human Computer Interaction", Idea Group Publishing, 567-573

**Papers in refereed journals**

1. Xiao, L. (**under review**). Knowledge Awareness, Rational Awareness, and Shared Practices in Articulating and Sharing Rationale: An Empirical Study
2. Xiao, L., & Huang, D. Y. (**under review**). Between-Team Communication in Cross-Cultural Context
3. Mao, W. T., Xiao, L., Mercer, R. (**under review**). A Text Similarity and Sentiment Analysis Prototype for Classifying Rationales in the Online Deliberations
4. Xiao, L. (2014). Effects of rationale awareness in online ideation crowdsourcing tasks, *Journal of the American Society for Information Science and Technology*, 65, 1707-1720, doi: 10.1002/asi.23079
5. Xiao, L., & Askin, N. (2014) Academic opinions of Wikipedia and Open Access publishing, *Online Information Review*, 38(3), 332-347

**Note:** This article was selected as a featured article on 2014 April issue of The Informed Librarian Online, I was invited to write a blog post about the study on the London School of Economics' Impact of Social Sciences blog (<http://blogs.lse.ac.uk/impactofsocialsciences/2014/05/14/academic-opinions-of-wikipedia-and-oa/>). This blog was later reviewed and commented by the Time Higher Education (THE) (<http://www.timeshighereducation.co.uk/tablet/93EC8393/2013703.shared>)

6. Xiao, L., & Askin, N. (2014). What Influences Online Deliberation? A Wikipedia Study, *Journal of the American Society for Information Science and Technology*, 65: 898–910
7. Antunes, P., Xiao, L., & Pino, J. A. ( in press) Assessing the impact of educational differences in HCI design practice, *International Journal of Technology and Design Education*, 24(3), 317-335
8. Xiao, L., & Farooq, U. (2013) Supporting End User Development in Community Computing: Requirements, Opportunities, and Challenges, *Journal of Community Informatics*, 9(1), retrieved on Nov. 16, 2013, <http://www.ci-journal.net/index.php/ciej/article/view/693>
9. Xiao, L., & Carroll, J. M. (2013) The Effects of Rationale Awareness on Individual Reflection: Processes in Virtual Group Activities, *International Journal of e-Collaboration*, 9(2), 78 - 95
10. Xiao, L., & Farooq, U. Carroll, J. M., Rosson, M. B. (2013). The Development of Community Members' Roles in Partnership Research Projects: An Empirical Study, *Journal of the American Society for Information Science and Technology*, 64, 2340 - 2353
11. Xiao, L. (2012b) The Effects of a Shared Free Form Rationale Space in Collaborative Learning Activities, *Journal of Systems and Software*, 86(7), 1727 - 1737
12. Xiao, L. (2012a) Explore the Use of Contextual Modules for Understanding and Supporting Collaborative Learning Activities: An Empirical Study, *Computer Science and Information Systems*, 9(2), 961-981
13. Xiao, L., & Askin, N. (2012b), Wikipedia for Academic Publishing: Advantages and Challenges, *Online Information Review*, 36(3), 359 - 373
14. Carroll, J. M., Rosson, M. B., Farooq, U., & Xiao, L., (2009) Beyond Being Aware, *Information and Organization*, 19(3), 162-185
15. Carroll, J. M., Bach, P., Rosson, M. B., Merkel, C., Farooq, U., & Xiao, L., (2008) Community IT workshops as a strategy for Community Learning, *First Monday*, 13(4-7), retrieved on Nov. 16, 2013. <http://www.firstmonday.org/htbin/cgiwrap/bin/ojs/index.php/fm/article/view/2052/1955>
16. Xiao, L., & Carroll, J. M., (2007) Fostering an Informal Learning Community of Computer Technologies at School, *Behaviour & Information Technology*, 26(1), 23 – 36
17. Farooq, U., Ganoë, C., Xiao, L., Merkel, C., Rosson, M.B, & Carroll, J.M., (2007) Supporting Community-based Learning: Case Study of a Geographical Community Organization Designing their Web Site, *Behaviour & Information Technology*, 26(1), 5 – 21
18. Schafer, W. A., Ganoë, C. H., Xiao L., Coch, G., & Carroll, J. M., (2005) Designing the Next Generation of Distributed, Geocollaborative Tools, *Cartography and Geographic Information Science*, 32(2), 81-100
19. Farooq, U., Merkel, C. B., Xiao, L., Nash, H., Rosson, M. B., & Carroll, J. M., (2005) Participatory design as a learning process: Enhancing community-based watershed management through technology, *Environmental Communication Yearbook*, Vol. 3 (pp. 243-267). Mahwah, NJ: Lawrence Erlbaum Associates.
20. Merkel, C. B., Clitherow, M., Farooq, U., Xiao, L., Rosson, M. B., & Carroll, J. M., (2005) Sustaining Computer Use and Learning in Community Computing Contexts: Making Technology Part of "Who They are and What They Do", *Journal of Community Informatics*, 1(2), retrieved on Nov.16, 2013. <http://ci-journal.net/index.php/ciej/article/view/215/173>

#### Papers in refereed conference proceedings



*Full conference paper*

1. Khazaei, K., & Xiao, L. (under review), Corpus-based Analysis of Rhetorical Relations: A Study of Lexical Cues
2. Khazaei, K., & Xiao, L. (2015) Computational Analysis of Collective Intelligence in Conversational Text, the 48th Annual Hawaii International Conference on System Sciences (HICSS'48) (Jan. 5 – 8<sup>th</sup>, Kauai, HI, USA) (7, 192 words), to appear
3. Xiao, L., Elueze, I., & Kavanaugh, J. R. (2014) Human Rights Researchers' Data Analysis and Management Practices, Proceedings of the 77th Annual Meeting of Association for Information Science and Technology (ASIS&T) (Oct. 31 - Nov. 4<sup>th</sup>, Seattle, WA, USA) (8,138 words), to appear
4. Xiao, L., Yan, X. H., Emery, A. (2013) Design and Evaluation of Web Interfaces for Informal Care Providers in Senior Monitoring, *Proceedings of the 76th Annual Meeting of Association for Information Science and Technology* (Nov. 1 – 6<sup>th</sup>, Montreal, QC, Canada), retrieved on July 2, 2014, <http://onlinelibrary.wiley.com/doi/10.1002/meet.14505001034/pdf> (7, 440 words)
5. Xiao, L. (2012c) Rationale awareness for quality assurance in iterative human computation processes, *Collective Intelligence (CI) 2012 (April 18-20<sup>th</sup>, Boston, MA, USA)*, retrieved on July 2, 2014, <http://arxiv.org/abs/1204.3491> (acceptance rate: 15.53%, 4,563 words)
6. Xiao, L. (2011d) Design for articulating and sharing rationales in virtual group learning activities, *The IASTED International Conference on Technology for Education and Learning (TEL)* (Oct 24-25, Beijing, China), DOI: 10.2316/P.2011.750-062, (3, 826 words)
7. Xiao, L. (2011a) A Shared Rationale Space for Supporting Knowledge Awareness in Collaborative Learning Activities: An Empirical Study, *Proceedings of 11th IEEE International Conference on Advanced Learning Technologies (ICALT)*, (Jul. 6 – 8, Athens, GA), 71-75 (acceptance rate: 24.59%, 3,969 words)
8. Xiao, L. (2011b) An Exploratory Study of the Effects of Rationale Awareness in Project-based Group Activity, *the 15th International Conference on Computer Supported Cooperative Work in Design (CSCWD)* (Jun. 6 - 8, Lausanne, Switzerland), 785 – 792, (7, 168 words)
9. Haynes, S., Carroll, J. M., George, T., Xiao, L., & Bach, P. (2009) Design Research as Explanation: Perceptions in the Field, *Proceedings of Computer Human Interaction (CHI)* (Apr. 4-9, Boston, MA), 1121-1130, (acceptance rate: 24.5%; 8,345 words)
10. Carroll, J.M., Borge, M., Xiao, L. & Ganoë, C.H. (2008). Realistic learning activity is not enough. In P. Diaz, Kinshuk, I. Aedo & E. Mora (Eds.), *Proceedings of 8th IEEE International Conference on Advanced Learning Technologies*, (Jul. 1 – 5, Santander, Spain). Los Alamitos, CA: IEEE Computer Society, 3-7. (acceptance rate: 34%) (2, 975 words)
11. Xiao, L., Carroll, J. M., Clemson, P., & Rosson, M. B. (2008) Support of Case-based Authentic Learning Activities: A Collaborative Case Commenting Tool and a Collaborative Case Builder, *Proceedings of 41st Annual Hawaii International Conference on System Sciences (HICSS-41)* (Jan. 7-10, Big Island, Hawaii), 6-15 (5, 350 words)
12. Merkel, C., Farooq, U., Xiao, L., Ganoë, C. H., Rosson, M.B., & Carroll, J. M. (2007) Managing technology use and learning in nonprofit community organizations: Methodological challenges and opportunities, *1st Symposium on Computer Human Interaction for Management of Information Technology (CHIMIT'07)* (Mar. 30-31, Cambridge, MA), ACM, New York, NY, USA, Article 8. (10, 307 words)
13. Xiao, L., Huang, H., & Umaphathy, K. (2005) A Case Study: Information and Communication Technologies Adoption in Higher Education in China and India, *Proceedings of the Americas Conference on Information Systems (AMCIS)* (Aug. 11-14, Omaha, NE), paper 44: <http://aisel.aisnet.org/amcis2005/44/>
14. Xiao, L., Merkel, C., Nash, H., Ganoë, C., Rosson, M. B., Carroll, J. M., Shon, E., Lee, R., & Farooq, U. (2005). Students as Teachers and Teachers as Facilitators, *Proceedings of Hawaii International Conference on System Sciences (HICSS-38)*, (Jan. 3-6, Big Island, Hawaii), p.4a. (8, 516 words)
15. Farooq, U., Merkel, C. B., Nash, H., Rosson, M. R., Carroll, J. M., & Xiao, L., (2005) Participatory design as apprenticeship: Sustainable watershed management as a community computing application, *Proceedings of Hawaii International Conference on System Sciences (HICSS-38)*, (Jan. 3-6, Big Island, Hawaii), p.178c. (8, 622 words)

16. Merkel, C. B., Xiao, L., Farooq, U., Ganoë, C. H., Lee, R., Carroll, J. M., & Rosson, M. B. (2004) Participatory Design in Community Computing Contexts: Tales from the Field, *In Proceedings of the eighth conference on Participatory design: Artful integration: interweaving media, materials and practices (PDC 04), Vol. 1. ACM, New York, NY, USA, 1-10.* (9, 893 words)

Short paper (e.g., research note, poster, panel paper)

17. Xiao, L., & Witherspoon, R. (under review). The Effects of Pre-Discussion's Note-Taking in a Hidden Profile Tasks
18. Xiao, L., & Witherspoon, R. (under review). Group Decision Making As Story Construction
19. Xiao, L., Cai, T. T., & Eastmure, V. (under review). Parent-Child Dialogues and Artifact Control Behavior in Computer vs. Non-Computer Mediated Parental Interactions
20. Xiao, L., & Askin, N. (under review). Rationale Sharing in Large-Scale Online Deliberations
21. Xiao, L., Yan, X. H., Miller, B., & Shrestha, A. (2014). Towards Visual Analytics for Digging into Human Rights Violations Data, *Proceedings of the 77th Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 31 – Nov. 4<sup>th</sup>, Seattle, WA, USA), to appear  
Note: this is a re-submission of our paper which was accepted as a poster for *Digital Humanities (Jul. 8 - 12, Lausanne, Switzerland)*. We withdrew it from the conference due to travel conflict
22. Xiao, L., & Eastmure, V. (2014). Information Use in Group Decision Making Teams, *Proceedings of the 77th Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 31 – Nov. 4<sup>th</sup>, Seattle, WA, USA), to appear
23. Xiao, L., Buchel, O., & Huang, D. Y. (2014). The Role of Team's Communication Practices in Between-Team Decision Making Activities, *Proceedings of iConference 2014*, retrieved on July 2, 2014, <https://www.ideals.illinois.edu/handle/2142/47280> (4, 357 words)
24. Khazaei, T., & Xiao, L. (2014). Collective intelligence in Massive Online Dialogues, *Collective Intelligence (Jun. 10 – 12, Boston, Massachusetts)*, to appear (2, 678 words), <http://arxiv-web3.library.cornell.edu/abs/1406.7561>
25. Xiao, L., & Khazaei, T. (2014). ProjectTales: Reusing Changes and Change Rationales in Project Management, *Proceedings of iConference 2014*, to appear (2, 820 words), <https://www.ideals.illinois.edu/handle/2142/47344>
26. Xiao, L. (2013) Do Members Converge to Similar Reasoning Styles in Teamwork? A Study of Shared Rationales in Small Team Activities, *Proceedings of 2013 iConference*, Fort Worth, USA, Feb. 12 – 15<sup>th</sup>, 2013, retrieved on July 2, 2014, <http://hdl.handle.net/2142/39618> (3, 337 words)
27. Richardson, B., Tang, R., Xiao, L., & Yadamsuren, B. (2013). User Experience (UX) Labs: Fostering Innovative Academic Research, *Panel in Proceedings of the 76th Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Nov. 1 – 6<sup>th</sup>, Montreal, QC, Canada), to appear (1,431 words)
28. Buchel, O., & Xiao, L., (2013). Supporting Reflection in Online Education with Visualization of Lecture Notes, *The 13th IEEE International Conference on Advanced Learning Technologies (ICALT)* (Jul. 15 – 18<sup>th</sup>, Beijing, China), accepted but withdrawn from proceedings due to travel issue
29. Vashchilko, T., & Xiao, L. (2013). Literature review: how content analysis is used to study human rights violations in political science? *Proceedings of 2013 iConference* (Feb. 12 – 15, Fort Worth, USA), retrieved on July 2, 2014, <http://hdl.handle.net/2142/42106> (2,066 words)
30. Xiao, L., Namukasa, I., & Caldeira, M. (2012) Reflective Practices in STEM Subjects: A review, Framework, and Examination of Two Studies, *The 2<sup>nd</sup> International STEM in Education Conference*, Beijing, China, Nov. 24-27<sup>th</sup>, 2012, retrieved on July 2, 2014, [http://stem2012.bnu.edu.cn/data/short%20paper/stem2012\\_77.pdf](http://stem2012.bnu.edu.cn/data/short%20paper/stem2012_77.pdf) (1, 818 words)
31. Xiao, L., (2012e) Rationale Flower: a Visualization Tool for Identifying Hidden Profiles in Instant Messaging, *In Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work Companion (CSCW '12)*. ACM, New York, NY, USA, 255-258. (1, 367 words)

32. Xiao, L., & Quan-Haase, A. (2012) The Effect of Task Roles on the Perceived Usability of Management Tools, *Proceedings of 75<sup>th</sup> Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 26-30, Baltimore, MD), 49: 1–4. doi: 10.1002/meet.14504901243 (2, 711 words)
33. Xiao, L., & Askin, N. (2012c) Deliberation in Wikipedia: Rationales in Article Deletion Discussions, the 75<sup>th</sup> *Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 26-30, Baltimore, MD), 49: 1–4. doi: 10.1002/meet.14504901234 (2, 100 words)
34. Xiao, L., & Mazalov, V. (2012). Message Visualizer: a Visualization Tool for Chat Messages, *Proceedings of the 2012 iConference*, ACM, New York, NY, USA, 426-428. (1, 424 words)
35. Xiao, L. (2011c) The Practice of Rationale Sharing in Virtual Group Learning Activities: An Empirical Study, *Proceedings of 11th IEEE International Conference on Advanced Learning Technologies (ICALT)*, (Jul. 6 – 8, 2011, Athens, GA), 521 – 523, **best short paper award (top 3 in the category)** (2, 731 words)
36. Xiao, L., (2008) A Virtual Group Workspace for Rationale Sharing in Distributed Collaborative Learning Activities, *Proceedings of 2008 IEEE International Conference on Computer Science and Software Engineering (Dec. 12 – 14, Wuhan, China)*, Vol. 5, 125-128 (2, 361 words)
37. Xiao, L., Clark, S., Rosson, M. B., & Carroll, J. M., (2008) Promoting Reflective Thinking in Collaborative Learning Activities, *Proceedings of 8th IEEE International Conference on Advanced Learning Technologies (ICALT)*, (Jul. 1 – 5, Santander, Spain), Los Alamitos, CA: IEEE Computer Society, 709-711 (1, 740 words)
38. Xiao, L., & Litzinger, J., (2005) Unravel the Ordering in Persistent Chat: A New Message Ordering Feature, *Proceedings of the 2005 International ACM SIGGROUP Conference on Supporting Group Work (GROUP'05)* (Nov. 6-9, Sanibel Island, FL), ACM, New York, NY, USA, 450-451. (1, 373 words)

*Refereed workshop paper*

39. Mao, W. T., Xiao, L., & Mercer, R. (2014). Using Text Similarity and Sentiment Analysis to Identify Representative Rationales in Large-Scale Online Deliberations, 5th Workshop on Computational Approaches to Subjectivity, Sentiment & Social Media Analysis at the 52nd Annual Meeting of the Association for Computational Linguistics (ACL), <http://acl2014.org/acl2014/W14-26/pdf/W14-2624.pdf>
40. Xiao, L., Luo, Y., & High, S. (2013). CKM: A Shared Visual Analytical Tool for Large-Scale Analysis of Audio-Video Interviews, at workshop “Big Data and the Humanities” *IEEE Big Data 2013* (Oct. 6 – 9, Santa Clara, CA, USA), Retrieved on Nov. 16, 2013, [bighumanities.files.wordpress.com/2013/09/2\\_did2\\_xiao\\_luo\\_paper.pdf](http://bighumanities.files.wordpress.com/2013/09/2_did2_xiao_luo_paper.pdf) (6, 349 words)
41. Xiao, L. (2012d) The effects of rationale awareness in iterative human computation processes, Workshop of “Collective Intelligence as Community Discourse and Action” at the *15th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2012)* (Feb. 11<sup>th</sup>, Seattle, WA), (4,276 words)
42. Xiao, L., Askin, N. (2012a) Deliberation in Wikipedia: Rationales in Article Deletion Discussions, Workshop of “Large Scale Idea Management and Deliberation Systems” at 10th International Conference on the Design of Cooperative Systems (COOP) (May 29<sup>th</sup>, 2012, Marseille, France) (2,102 words)
43. Carroll, J. M., Convertino, G., Xiao, L., Ganoe, C., Giger, G., Schafer, W., Farooq, U., Hylton, K., & Rosson, M. B. (2005) Supporting Common Ground in Geo-Collaboration, Workshop of “Activity - From a Theoretical to a Computational Construct” at the *9<sup>th</sup> European Conference on Computer-Supported Cooperative Work (CSCW)*, (Sep. 18-22, Paris, France)
44. Xiao, L., Carroll, J. M. (2003). Wireless Community Support for Community Network, 3rd International Workshop on Smart Appliances and Wearable Computing, the 23rd International Conference on Distributed Computing Systems (ICDCS 2003), May 19-22, 2003, Providence, Rhode Island USA, [http://www.teco.edu/iwsawc/iwsawc\\_adjunct.pdf](http://www.teco.edu/iwsawc/iwsawc_adjunct.pdf) (retrieved on Nov. 16, 2013)

## Papers in abstract-refereed conferences

1. Xiao, L., Kavanaugh, J. (2014). Towards Understanding of Human Rights Researchers' Data Analysis Practices - An Interview Study, *42<sup>nd</sup> Annual Conference of Canadian Association for Information Science & Inaugural Librarians' Research Institute Symposium* (May. 28 - 30, St. Catharines, Ontario), [www.caais-acsi.ca/ojs/index.php/caais/article/view/914](http://www.caais-acsi.ca/ojs/index.php/caais/article/view/914)
2. Xiao, L., Buchel, O., Martin, J., & Huang, D. Y. (2014), Towards Understanding of Contextual Factors in Information Sharing Behaviors of Inter-Team Activities, *42<sup>nd</sup> Annual Conference of Canadian Association for Information Science & Inaugural Librarians' Research Institute Symposium* (May. 28 - 30, St. Catharines, Ontario), [www.caais-acsi.ca/ojs/index.php/caais/article/view/913](http://www.caais-acsi.ca/ojs/index.php/caais/article/view/913)
3. Xiao, L. (2011) Too Much to Handle? Take Advantage of Working across Multiple Virtual Team Projects, *39th Annual Conference of Canadian Association for Information Science* (Jun. 2 - 4, Fredericton, New Brunswick), [http://www.caais-acsi.ca/proceedings/2011/22\\_Xiao.pdf](http://www.caais-acsi.ca/proceedings/2011/22_Xiao.pdf)
4. Xiao, L. & Sajo, T. J. (2011) Towards Training Librarian 2.0 through A Community-based Participatory Group Project: A Case Study, *39th Annual Conference of Canadian Association for Information Science* (Jun. 2 - 4, Fredericton, New Brunswick), [http://www.caais-acsi.ca/proceedings/2011/63\\_Xiao\\_Sajo.pdf](http://www.caais-acsi.ca/proceedings/2011/63_Xiao_Sajo.pdf)
5. Xiao, L. (2011e) A Structured Virtual Space to Support Articulating and Sharing Rationales in Virtual Group Activities, *39th Annual Conference of Canadian Association for Information Science* (Jun. 2 - 4, Fredericton, New Brunswick), [http://www.caais-acsi.ca/proceedings/2011/23\\_Xiao.pdf](http://www.caais-acsi.ca/proceedings/2011/23_Xiao.pdf)
6. Xiao, L. (2011f) Towards Training Librarian 2.0: A Community-based Participatory Teaching Approach, *International Conference of Information Science and Social Media (ISSOME)*, (Aug. 24-26, Åbo/Turku, Finland), [http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011\\_xiao.pdf](http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011_xiao.pdf)
7. Neal, D., & Xiao, L. (2011) The use of weblogs in LIS online courses: A case study, *International Conference of Information Science and Social Media (ISSOME)*, (Aug. 24-26, Åbo/Turku, Finland), [http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011\\_xiao\\_neal.pdf](http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011_xiao_neal.pdf)
8. Xiao, L., Powell, A., & Rosson, M. B., (2005) Synchronous Online Scheduling, *11th International Conference on Human-Computer Interaction (HCII)*, (Jul. 22 - 27, Las Vegas, NE)

## Invited paper and media report

Carroll, J.M., Jiang, H., Rosson, M.B., Shih, S., Wang, J., Xiao, L., & Zhao, D. (2011) Supporting Activity Awareness in Computer-Mediated Collaboration, 2011 International Conference on Collaboration Technologies and Systems (May 23 -27, 2011, Philadelphia, PA), 1 -12, invited paper, (8, 761 words)

## Juried/non-refereed publications

1. Mao, W. T., Mercer, R., & Xiao, L. (2014). Extracting Imperatives from Wikipedia Article for Deletion Discussions, First Workshop on Argumentation Mining at the 52nd Annual Meeting of the Association for Computational Linguistics (ACL), <http://acl2014.org/acl2014/W14-21/pdf/W14-2117.pdf>
2. Xiao, L. (2014). System Development for Organization-Public Interactions: Promoting Rationale Articulation, Sharing, and Reuse as Design Requirements, workshop – “Structures for Knowledge Co-creation Between Organisations and the Public” at the 17<sup>th</sup> ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2014), Feb. 15, 2014
3. Xiao, L., Luo, Y., Yan, X. H., Lukoianova, T., (2013). Towards Automatic Reading and Visualizing Human Rights Violation Data: a User-Centered Approach, Panel “Towards Automatic Reading and Visualizing Textual Data about Human Rights Violation”, the World Social Science Forum 2013 (October 13rd – 15th, Montreal, QC, Canada), Retrieved on Nov. 16, 2013

<http://www.wssf2013.org/paper-article/towards-automatic-reading-and-visualizing-human-rights-violation-data-user-centered-ap>

4. Xiao, L., Martin, J. (2012) Supporting Parent-Young Child Activities with Interactive Tabletops: A Conceptual Analysis, *In Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work Companion (CSCW '12)*. ACM, New York, NY, USA, 301-310. (4, 535 words)
5. Xiao, L. (2007) A Study of the Effects of Awareness of Group Members' Rationale in Collaborative Learning Activities, *Technical Symposium on Computer Science Education (SIGCSE) Doctoral Consortium*, Covington, KY, March 7th, 2007 (Doctoral Consortium)
6. Xiao, L. (2007) A Study of the Effects of Awareness of Group Members' Rationale in Collaborative Learning Activities, *Computer Supported Collaborative Learning Conference (CSCL) Doctoral Consortium*, New Brunswick, NJ, July 16th, 2007 (Doctoral Consortium)
7. Xiao, L. (2007) The Effects of Awareness of Group Members' Rationale in Collaborative Decision-Making Activity, *Proceedings of the 2007 International ACM SIGGROUP Conference on Supporting Group Work (GROUP) Doctoral Consortium*, Sanibel Island, FL, Nov. 4 – 7th, 2007 (Doctoral Consortium)

#### **Media/technical reports and book reviews**

1. Xiao, L. (2014). Academic Opinions of Wikipedia and Open-Access Publishing – Gender and Academic Status Factors in Perception and Use, Ontario Library Association Open Shelf, to appear
2. Xiao, L. (2014). Academic Opinions of Wikipedia and Open-Access Publishing, The Impact of Social Sciences blog, <http://blogs.lse.ac.uk/impactofsocialsciences/2014/05/14/academic-opinions-of-wikipedia-and-oa/>
3. Xiao, L., Buchel, O., Martin, J., Huang, D. Y. Factors of Decision-Making between Remote Teams of Different Cultures: A Case Study, Case study report to the industry partner of MITACS Accelerate Grant
4. Xiao, L. (2007) A Multimedia Model for Teaching Usability Engineering as a Internet-based Distance Course, *AIS SIGHCI Newsletters*, Volume 6, Issue 1, July 2007
5. Merkel, C.B., Xiao, L., Farooq, U., Ganoë, C.H., Rosson, M.B., & Carroll, J.M. (2005). The Civic Nexus Project: Supporting Sustainable Technology Practices in Geographic Communities. *Learning Technology Newsletter*, 7 (2), 21-23. IEEE Computer Society: Technical Committee on Learning Technology (LTTC), URL: [http://lttf.ieee.org/learn\\_tech/issues.html](http://lttf.ieee.org/learn_tech/issues.html).
6. Cole, R., Xiao, L. (2005). Review of Human memory: An introduction to research, data, and theory (2 ed.), by Neath and Surprenant. *SIGCHI Bulletin*, May 6

#### **Conference Presentations**

1. Xiao, L., Elueze, I., & Kavanaugh, J. R. (2014) Human Rights Researchers' Data Analysis and Management Practices, *Proceedings of the 77th Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 31 - Nov. 4th, Seattle, WA, USA), Nov. 4<sup>th</sup>, 2014
2. Mao, W. T., Mercer, R., & Xiao, L. (2014). Extracting Imperatives from Wikipedia Article for Deletion Discussions, *First Workshop on Argumentation Mining at the 52nd Annual Meeting of the Association for Computational Linguistics (ACL)*, June 26, 2014
3. Mao, W. T., Xiao, L., & Mercer, R. (2014). Using Text Similarity and Sentiment Analysis to Identify Representative Rationales in Large-Scale Online Deliberations, *5th Workshop on Computational Approaches to Subjectivity, Sentiment & Social Media Analysis at the 52nd Annual Meeting of the Association for Computational Linguistics (ACL)*, June 27, 2014

4. Xiao, L., Kavanaugh, J. (2014). Towards Understanding of Human Rights Researchers' Data Analysis Practices - An Interview Study, *42<sup>nd</sup> Annual Conference of Canadian Association for Information Science & Inaugural Librarians' Research Institute Symposium (May. 28 - 30, St. Catharines, Ontario)*, May 29, 2014
5. Xiao, L., Buchel, O., Martin, J., & Huang, D. Y. (2014), Towards Understanding of Contextual Factors in Information Sharing Behaviors of Inter-Team Activities, *42<sup>nd</sup> Annual Conference of Canadian Association for Information Science & Inaugural Librarians' Research Institute Symposium (May. 28 - 30, St. Catharines, Ontario)*, May 28, 2014
6. Xiao, L., Buchel, O., & Huang, D. Y. (2014). The Role of Team's Communication Practices in Between-Team Decision Making Activities, *Proceedings of iConference 2014*, Mar. 6, 2014
7. Xiao, L., & Khazaei, T. (2014). ProjectTales: Reusing Changes and Change Rationales in Project Management, *Proceedings of iConference 2014*, Mar. 7, 2014
8. Xiao, L. (2014). System Development for Organization-Public Interactions: Promoting Rationale Articulation, Sharing, and Reuse as Design Requirements, workshop - "Structures for Knowledge Co-creation Between Organisations and the Public" at the 17th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2014), Feb. 15, 2014
9. Xiao, L. (2013). The "Invisible" Usability Lab. at the Panel "User Experience (UX) Labs: Fostering Innovative Academic Research", *the 76th Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Nov. 1 – 6th, Montreal, QC, Canada) - Panel presentation
10. Xiao, L., Yan, X. H., Emery, A. (2013) Design and Evaluation of Web Interfaces for Informal Care Providers in Senior Monitoring, *Proceedings of the 76th Annual Meeting of Association for Information Science and Technology* (Nov. 1 – 6th, Montreal, QC, Canada), Nov. 3, 2013
11. Xiao, L., Luo, Y., Yan, X. H., Lukoianova, T., (2013). Towards Automatic Reading and Visualizing Human Rights Violation Data: a User-Centered Approach, Panel "Towards Automatic Reading and Visualizing Textual Data about Human Rights Violation", the World Social Science Forum 2013 (October 13rd – 15th, Montreal, QC, Canada), Retrieved on Nov. 16, 2013  
<http://www.wssf2013.org/paper-article/towards-automatic-reading-and-visualizing-human-rights-violation-data-user-centered-ap>
12. Xiao, L. (2013) Do Members Converge to Similar Reasoning Styles in Teamwork? A Study of Shared Rationales in Small Team Activities, *Proceedings of 2013 iConference*, Fort Worth, USA, Feb. 12 – 15th, 2013, <http://hdl.handle.net/2142/39618> (3, 337 words)
13. Vashchilko, T., & Xiao, L. (2013). Literature review: how content analysis is used to study human rights violations in political science? *Proceedings of 2013 iConference* (Feb. 12 – 15, Fort Worth, USA), <http://hdl.handle.net/2142/42106> (2,066 words)
14. Xiao, L., Luo, Y., & High, S. (2013). CKM: A Shared Visual Analytical Tool for Large-Scale Analysis of Audio-Video Interviews, at workshop "Big Data and the Humanities" *IEEE Big Data 2013* (Oct. 6 – 9, Santa Clara, CA, USA), Retrieved on Nov. 16, 2013, [bighumanities.files.wordpress.com/2013/09/2\\_did2\\_xiao\\_luo\\_paper.pdf](http://bighumanities.files.wordpress.com/2013/09/2_did2_xiao_luo_paper.pdf) (6, 349 words)
15. Xiao, L. (2012) The effects of rationale awareness in iterative human computation processes, Workshop of "Collective Intelligence as Community Discourse and Action" at the *15th ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2012)* (Feb. 11<sup>th</sup>, Seattle, WA), (4,276 words)
16. Xiao, L., (2012) Rationale Flower: a Visualization Tool for Identifying Hidden Profiles in Instant Messaging, In *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work Companion (CSCW '12)*. ACM, New York, NY, USA, 255-258. (1, 367 words)
17. Xiao, L., & Quan-Haase, A. (2012) The Effect of Task Roles on the Perceived Usability of Management Tools, *Proceedings of 75<sup>th</sup> Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct.

- 26-30, Baltimore, MD), 49: 1–4. doi: 10.1002/meet.14504901243 (2, 711 words)
18. Xiao, L., & Askin, N. (2012) Deliberation in Wikipedia: Rationales in Article Deletion Discussions, the 75<sup>th</sup> *Annual Meeting of Association for Information Science and Technology (ASIS&T)* (Oct. 26-30, Baltimore, MD), 49: 1–4. doi: 10.1002/meet.14504901234 (2, 100 words)
  19. Xiao, L., & Mazalov, V. (2012). Message Visualizer: a Visualization Tool for Chat Messages, *Proceedings of the 2012 iConference*, ACM, New York, NY, USA, 426-428. (1, 424 words)
  20. Xiao, L., Namukasa, I., & Caldeira, M. (2012) Reflective Practices in STEM Subjects: A review, Framework, and Examination of Two Studies, The 2nd International STEM in Education Conference, Beijing, China, Nov. 24-27th, 2012, [http://stem2012.bnu.edu.cn/data/short%20paper/stem2012\\_77.pdf](http://stem2012.bnu.edu.cn/data/short%20paper/stem2012_77.pdf) (March 13th, 2013) (1, 818 words)
  21. Xiao, L. (2012) Rationale awareness for quality assurance in iterative human computation processes, *Collective Intelligence (CI) 2012* (April 18-20th, Boston, MA, USA), <http://arxiv.org/abs/1204.3491> (acceptance rate: 15.53%, 4,563 words)
  22. Xiao, L., Martin, J. (2012) Supporting Parent-Young Child Activities with Interactive Tabletops: A Conceptual Analysis, In *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work Companion (CSCW '12)*. ACM, New York, NY, USA, 301-310. (4, 535 words)
  23. Xiao, L. (2012) Rationale Flower: a Visualization Tool for Identifying Hidden Profiles in Instant Messaging. *Joint Research Day for Faculties of Information & Media Studies, Arts & Humanities, and Education, University of Western Ontario*, March 19, 2012.
  24. Xiao, L. (2012). Rationale Awareness for Quality Assurance in Iterative Human Computation Processes, *Joint Research Day for Faculties of Information & Media Studies, Arts & Humanities, and Education, University of Western Ontario*, March 19, 2012.
  25. Xiao, L., Askin, N. (2012). Wikipedia as an Academic Publishing Venue? Perspectives from Academia, *Joint Research Day for Faculties of Information & Media Studies, Arts & Humanities, and Education, University of Western Ontario*, March 19, 2012
  26. Xiao, L. (2011) Design for articulating and sharing rationales in virtual group learning activities, The IASTED International Conference on Technology for Education and Learning (TEL) (Oct 24-25, Beijing, China), DOI: 10.2316/P.2011.750-062, (3, 826 words)
  27. Xiao, L. (2011) A Shared Rationale Space for Supporting Knowledge Awareness in Collaborative Learning Activities: An Empirical Study, *Proceedings of 11th IEEE International Conference on Advanced Learning Technologies (ICALT)*, (Jul. 6 – 8, Athens, GA), 71-75 (acceptance rate: 24.59%, 3,969 words)
  28. Xiao, L. (2011) An Exploratory Study of the Effects of Rationale Awareness in Project-based Group Activity, the 15th International Conference on Computer Supported Cooperative Work in Design (CSCWD) (Jun. 6 - 8, Lausanne, Switzerland), 785 – 792, (7, 168 words)
  29. Xiao, L. (2011) The Practice of Rationale Sharing in Virtual Group Learning Activities: An Empirical Study, *Proceedings of 11th IEEE International Conference on Advanced Learning Technologies (ICALT)*, (Jul. 6 – 8, 2011, Athens, GA), 521 – 523, **best short paper award (top 3 in the category)** (2, 731 words)
  30. Xiao, L. (2011) Too Much to Handle? Take Advantage of Working across Multiple Virtual Team Projects, *39th Annual Conference of Canadian Association for Information Science* (Jun. 2 - 4, Fredericton, New Brunswick), [http://www.caais-acsi.ca/proceedings/2011/22\\_Xiao.pdf](http://www.caais-acsi.ca/proceedings/2011/22_Xiao.pdf)
  31. Xiao, L. & Sajo, T. J. (2011) Towards Training Librarian 2.0 through A Community-based Participatory Group Project: A Case Study, *39th Annual Conference of Canadian Association for Information Science* (Jun. 2 - 4, Fredericton, New Brunswick), [http://www.caais-acsi.ca/proceedings/2011/63\\_Xiao\\_Sajo.pdf](http://www.caais-acsi.ca/proceedings/2011/63_Xiao_Sajo.pdf)

32. Xiao, L. (2011) A Structured Virtual Space to Support Articulating and Sharing Rationales in Virtual Group Activities, *39th Annual Conference of Canadian Association for Information Science (Jun. 2 – 4, Fredericton, New Brunswick)*, [http://www.cais-acsi.ca/proceedings/2011/23\\_Xiao.pdf](http://www.cais-acsi.ca/proceedings/2011/23_Xiao.pdf)
33. Xiao, L. (2011) Towards Training Librarian 2.0: A Community-based Participatory Teaching Approach, *International Conference of Information Science and Social Media (ISSOME)*, (Aug. 24-26, Åbo/Turku, Finland), [http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011\\_xiao.pdf](http://issome2011.library2pointoh.fi/wp-content/uploads/2011/08/issome2011_xiao.pdf)
34. Xiao, L., Design for Articulating and Sharing Rationales in Virtual Group Activities, *Joint Research Day for Faculties of Information & Media Studies, Arts & Humanities, and Education, University of Western Ontario*, March 23, 2011
35. Xiao, L., Askin, N. (2011). Wikipedia and Open Access Journal Publishing: A conceptual analysis, *Joint Research Day for Faculties of Information & Media Studies, Arts & Humanities, and Education, University of Western Ontario*, March 23, 2011
36. Xiao, L. (2007) A Study of the Effects of Awareness of Group Members' Rationale in Collaborative Learning Activities, *Technical Symposium on Computer Science Education (SIGCSE) Doctoral Consortium*, Covington, KY, March 7th, 2007 (Doctoral Consortium)
37. Xiao, L. (2007) A Study of the Effects of Awareness of Group Members' Rationale in Collaborative Learning Activities, *Computer Supported Collaborative Learning Conference (CSCL) Doctoral Consortium*, New Brunswick, NJ, July 16th, 2007 (Doctoral Consortium)
38. Xiao, L., Huang, H., & Umaphathy, K. (2005) A Case Study: Information and Communication Technologies Adoption in Higher Education in China and India, *Proceedings of the Americas Conference on Information Systems (AMCIS)* (Aug. 11-14, Omaha, NE), paper 44: <http://aisel.aisnet.org/amcis2005/44/>
39. Xiao, L., Powell, A., & Rosson, M. B., (2005) Synchronous Online Scheduling, *11th International Conference on Human-Computer Interaction (HCII)*, (Jul. 22 - 27, Las Vegas, NE)
40. Xiao, L., Carroll, J. M. (2003). Wireless Community Support for Community Network, 3rd International Workshop on Smart Appliances and Wearable Computing, the 23rd International Conference on Distributed Computing Systems (ICDCS 2003), May 19-22, 2003, Providence, Rhode Island USA, [http://www.teco.edu/iwsawc/iwsawc\\_adjunct.pdf](http://www.teco.edu/iwsawc/iwsawc_adjunct.pdf) (retrieved on Nov. 16, 2013)

#### **Presentations at professional meetings/workshops/invited talks**

1. Xiao, L., Informal Learning in Community, Faculty of Education, University of Western Ontario, London, CANADA, Mar. 26<sup>th</sup>, 2014
2. Xiao, L., Shared Rationales in Group Ideation and Deliberation Activities, Xerox Research Centre Europe (XRCE), Grenoble, France, Mar. 4<sup>th</sup>, 2014
3. Xiao, L., Towards Automatic Reading and Visualizing Human Rights Violation Data: a User-Centered Approach, Mediations 3.4 talk at Faculty of Information & Media Studies, University of Western Ontario, London, CANADA, Feb. 28<sup>th</sup>, 2014
4. Xiao, L. System Development for Organization-Public Interactions: Promoting Rationale Articulation, Sharing, and Reuse as Design Requirements, workshop – “Structures for Knowledge Co-creation Between Organisations and the Public” at the 17<sup>th</sup> ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2014), Feb. 15, 2014
5. Xiao, L. Design for Group Ideation and Deliberation Activities, Graduate School of Library and Information Science, Simmons College, Boston, USA, April. 18<sup>th</sup>, 2013
6. Xiao, L., Design for Group Ideation Activities, The TeamWork Lab, Department of Psychology, University of Western Ontario, London, CANADA, April. 2<sup>nd</sup>, 2013



7. Xiao, L., Support Group Ideation and Deliberation Activities, *LIS9732 Language and Computer Technologies for Libraries and Beyond*, taught by Victoria Rubin, University of Western Ontario, London, CANADA, March 20<sup>th</sup>, 2013
8. Xiao, L. Design for Articulating and Sharing Rationales in Group Activities, *Microsoft Business Platform Division*, Seattle, WA, USA, March 21<sup>st</sup>, 2012
9. Xiao, L., Sharing Rationales in Computer-Mediated Group Activities, *Brown Bag Presentation in the Faculty of Information & Media Studies*, University of Western Ontario, London, CANADA, Nov. 30<sup>th</sup>, 2011
10. Xiao, L. The role of rationale sharing in computer-supported group activities, the 5th Multi-Disciplinary Symposium of Ontario Chinese Professors, Muskoka, Ontario, July 1-3, 2011
11. Xiao, L. Learning in Community, Annual General Meeting of London BlockParent Organization, City Hall, London, CANADA, March 30<sup>th</sup>, 2011
12. Xiao, L., Schafer, W. A., A Collaborative Interactive Map, *Geo-visualization Developers Workshop*, in conjunction with the *3rd International Conference on Geographic Information Science*, Oct 20, 2004, College Park, Maryland

**j) SOFTWARE DEVELOPMENT**

- |      |   |
|------|---|
| 2013 | A visual analytic tool that allows user to browse and interact with curated oral history interviews (audio/video/textual data) (Xiao, Luo, & High, 2013)  |
| 2013 | A visual analytic tool that facilitates project managers in the process of making project changes by eliciting change rationales of previous projects from the project repository (Xiao & Khazaei, 2014)  |
| 2011 | A visualization mechanism implemented on an open source software Jitsi that allows one to specify any part of his/her messages for visualization on the panel next the chat window (Xiao & Mazalov, 2012) |
| 2009 | Collaborative rationale workspace that supports asynchronous and synchronous collaboration and supports rationale sharing (Xiao, 2011, TEL)   |
| 2005 | Collaborative Case Browser tool and Collaborative Case Builder tool that support case-based learning (Xiao, Carroll, Clemson, & Rosson, 2008)   |
| 2005 | New Message Ordering Feature that combines temporal and semantic order of the messages (Xiao & Litzinger, 2005)   |
| 2002 | GIS-map based file sharing tool (Schafer, Ganoe, Xiao L., Coch, G., & Carroll, 2005)  |

**k) PROFESSIONAL AFFILIATIONS/MEMBERSHIP**

|                                    |   |
|------------------------------------|---|
| <b>ASIS&amp;T</b>                  | The Association for Information Science &Technology                                       |
| <b>ACM</b>                         | Association for Computing Machinery   |
| <b>IEEE</b>                        | The Institute of Electrical and Electronics Engineers                                     |
| <b>UWOFA</b>                       | University of Western Ontario Faculty Association   |
| <b>WNDER</b>                       | The Western Network for Digital Education and Research, the University of Western Ontario |
| <b>ICACHI</b>                      | International Chinese Association of Computer Human Interaction                           |
| <b>MITACS College of Reviewers</b> |   |

