

CURRICULUM VITAE

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Areas of Expertise

Data Analysis and Data Science: Data Modeling, Data Integration, Database Design, Knowledge Discovery

Digital Libraries: Multilingual Digital Libraries, Technologies and Services, Analysis & Evaluation

Information Retrieval and Access: Multilingual Information Retrieval and Access, Medical Information Retrieval, Applied Natural Language Processing, Applied Machine Translation & Evaluation

Information Systems: Web Information Systems, User-Centered Information Systems Design, Evaluation and Usability Studies

Education

Ph.D. Information Transfer. Syracuse University, New York, 2003

M.S. Information Science. Library of Chinese Academy of Sciences, Beijing, China, 1995

B.S. Information Science. Wuhan University, Wuhan, China, 1988

Professional Experience

11/12/2018 – Chair, Department of Information Science, University of North Texas

9/1/2017 – Professor, Department of Information Science, University of North Texas

9/1/2010 – 8/31/2017 Associate Professor, Department of Information Science,
University of North Texas

1/15/2004 – 8/31/2010 Assistant Professor, School of Library and Information Sciences,
University of North Texas

2000 – 2003 Research Analyst, Center for Natural Language Processing,
School of Information Studies, Syracuse University

1999 – 2000 Graduate Assistant, School of Information Studies, Syracuse
University

1995 – 1998 Research Associate, Information Institute of the Ministry of
Electronics Industry, Beijing, China

1988 – 1995 Research Assistant, Wuhan Documentation and Information
Center, Chinese Academy of Sciences, Wuhan, China

Publications

Monograph

Chen, Jiangping. 2016. *Multilingual Access And Services For Digital Collections*. Santa Barbara, CA: Libraries Unlimited.

Journal Articles, Book Chapters, and Conference Proceedings

Qu, Jingye and **Jiangping Chen** (Submitted). "The Creation, Organization, Access and Use of Image Collections: A Literature Review," *The Electronic Library Special Issue on Image Collections: Creation, Organization, Access, and Use*.

Qin, Chunqiu, Yaxi Liu, **Jiangping Chen** (In Revision). "User Adoption of a Hybrid Social Tagging Approach in an Online Knowledge Community," *Aslib Journal of Information Management*.

Chen, Minghong, Jingye Qu, Yuan Xu, and **Jiangping Chen** (In Revision). "Smart and Connected Health: What Can We Learn from Funded Projects?" *Data and Information Management*.

Lu, Wei, Mengqi Luo, Zhenyu Zhang, Guobiao Zhang, Heng Ding, Haihua Chen, and **Jiangping Chen**. (Revision Submitted). "Result Diversification in Image Retrieval Based on Semantic Distance," *Information Sciences*.

Wu, Anping and **Jiangping Chen** (2019). "Sustaining Multilinguality: Case Studies of Two American Multilingual Digital Libraries" To appear at Iconference 2019, March 31-April 3, Washington, DC, USA.

Wang, Yongyi, Hui Zhang, Dan Wu, and **Jiangping Chen**. (2019). "Health Data on Data.gov: A Research on Status Quo of Open Health Data" To appear at Iconference 2019, March 31-April 3, Washington, DC, USA.

Zhang, Hui, Yongyi Wang, Dan Wu, and **Jiangping Chen (2018)**. "Evolutionary Path of Factors Influencing Life Satisfaction among Chinese Elderly: A Perspective of Data Visualization." *Data*, 3(3), 35; available at: <https://doi.org/10.3390/data3030035>.

- Chen, Jiangping**, Minghong Chen, Jingye Qu, Haihua Chen, and Juncheng Ding. (2018). "Smart and Connected Health Projects: Characteristics and Research Challenges." Proceedings of the 6th International Conference for Smart Health, Wuhan, July 1-3.
- Chen, Haihua, Juncheng Ding, **Jiangping Chen**, and Gaohui, Cao. (2018). "Designing a Novel Framework for Precision Medicine Information Retrieval," Proceedings of the 6th International Conference for Smart Health, Wuhan, July 1-3.
- Chen, Wei, **Jiangping Chen**, Christopher Erdmann, Trevor Owens, Tao Jin, and Mark Phillips. (2018). "Can Research Librarians Make Contributions to Decision-making as Intelligence Analysts? The Prospects and Challenges," *Proceedings of the 18th ACM/IEEE Joint Conference on Digital Libraries*, 317-318. Fort Worth, Texas, June 3-7.
- Chen, Jiangping**, Duha Alsamdi, Xiaoyu Zhang, and Zhiwu Xie. (2018). "An Investigation of Cyberinfrastructure Adoption in University Libraries," Proceedings of IConference 2018, March 25- 25, Sheffield, UK.
- Chen, Jiangping**, Marie Bloechle, Beth Thomsett-Scott and Eileen Breen (2018). "The Electronic Library: New Scope and Writing Suggestions." Editorial. *The Electronic Library* 36(2).
- Chen, Jiangping**, Brenda Reyes Ayala, Duha Al Smadi, and Guonan Wang. (2018). "Chapter 6: Fundamentals of Data Science for Future Data Scientists." *Analytics in Knowledge Management*, edited by Suliman Hawamdeh and Hsia-Ching Chang, Francis and Taylor Group.
- Reyes, Brenda, Knudson, Ryan, **Jiangping Chen**, Gaohui Cao, Xinyue Wang. (2018). "Metadata Records Machine Translation Combining Multi-engine Outputs with Limited Parallel Data." *Journal of the Association for Information Science and Technology*. 69(1), 47-59, 2018. doi:10.1002/asi.23925.
<http://onlinelibrary.wiley.com/doi/10.1002/asi.23925/epdf>.
- Duha, Alsmadi, **Jiangping Chen**, Victor Prybutok, and Gadgil Guruprasa, (2017) "E-learning in Jordanian Higher Education: Cultural Perspectives and Institutions Readiness." *Journal of Information & Knowledge Management*. 16(4).
<https://doi.org/10.1142/S0219649217500356>.
- Phillips, E. Mark and **Jiangping Chen**. (2017). "Machine Learning for Name Type Classification in Library Metadata," 80th Annual Meeting of the Association for Information Science and Technology, Washington D.C. USA, Oct.27 – Nov. 1, 2017. DOI: 10.1002/pr2.2017.1450540115
- Chen, Wei, Rui Yang, Tao He, Shuo Wang, and **Jiangping Chen** (2017). "An Integration-based Conceptual Framework for Scientific Information Analysis," Full paper presented at 13th International Conference on Knowledge Management (ICKM 2017: <http://www.ickm.net/>), October 25-27, Dallas, Texas. In. *Knowledge Discovery and Data Design Innovation* (pp. 283-300). Singapore: World Scientific.
<http://www.worldscientific.com/worldscibooks/10.1142/10832>.
- Zhang, Qiuzi, Wei Lu, Yunhan Yang, Haihua Chen, and **Jiangping Chen**. (2017). "Automatic Identification of Research Articles Containing Data Usage Statements." Full paper presented at 13th International Conference on Knowledge Management (ICKM 2017: <http://www.ickm.net/>), October 25-27, Dallas, Texas. In. *Knowledge Discovery and Data Design Innovation* (pp. 47-66). Singapore: World Scientific.
<http://www.worldscientific.com/worldscibooks/10.1142/10832>.

- Wang, Xin, Hsia-Ching Chang, **Jiangping Chen**, and Jie Yang. (2017). "Data Analytics Applied in CNKI Databases Search Log: Understanding Chinese Content Users in North America," Full paper presented at 13th International Conference on Knowledge Management (ICKM 2017: <http://www.ickm.net/>), October 25-27, Dallas, Texas. In. Knowledge Discovery and Data Design Innovation (pp. 89-106). Singapore: World Scientific. <http://www.worldscientific.com/worldscibooks/10.1142/10832>
- Reyes, Brenda and **Jiangping Chen**. (2017). "A Machine Learning Approach to Evaluating Translation Quality," Proceedings of JCDL 2017, Toronto, June 19 – 23.
- Chen, Jiangping**, Min Namgoong, Brenda Reyes Ayala, Gaohui Cao, Xinyue Wang (2017). "Building A Multilingual Test Collection for Metadata Records", Proceedings of Iconference 2017, Wuhan, China, March 22-25.
- Viswavarapu, Lokesh Kumar, **Jiangping Chen**, Ana D. Cleveland, and Jodi Philbrick. (2017). UNT Medical Information Retrieval at TREC 2016. Proceedings of TREC 2016. Available at: <http://trec.nist.gov/pubs/trec25/papers/UNTIIA-CL.pdf>.
- Chen, Jiangping**, Min Namgoong, and Gaohui Cao. (2016). "A Framework for Test Topic Generation." Proceedings of Iconference 2016, Philadelphia, PA, USA, March 20-23. <https://www.ideals.illinois.edu/bitstream/handle/2142/89341/Chen451.pdf>.
- Ennis-Cole, Demetria, Akiko Wada, and **Jiangping Chen**. (2015). "An App Recommendation System for Children with Autism Spectrum Disorder." Proceedings of Iconference 2015, Newport Beach, California, USA, March 24-27. https://www.ideals.illinois.edu/bitstream/handle/2142/73699/357_ready.pdf?sequence=2.
- Chen, Jiangping**, Ryan Knudson, and Min Namgoong. (2014). "An Investigation of Effective and Efficient Multilingual Information Access to Digital Collections." Proceedings of the 77th Annual ASIS&T Conference, Seattle, WA, November 2-5. <http://onlinelibrary.wiley.com/doi/10.1002/meet.2014.14505101096/pdf>.
- Chen, Jiangping**, Olajumoke Azogu, and Ryan Knudson. (2014). "Enabling Multilingual Information Access to Digital Collections: an Investigation of Metadata Records Translation." Proceedings of IEEE/ACM Joint Conference on Digital Libraries 467- 468, London, United Kingdom. September 8-12. DOI: 10.1109/JCDL.2014.6970228. <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6970228>. Available here: <http://coolt.lis.unt.edu/homepage/publications/2014-posterpaper-JCDL.pdf>.
- Chen, Jiangping**, and Min Namgoong. (2014). "Building a Multilingual Research Platform through Usability Testing." *International Journal of Advanced Computer Science* 4(2): 79-88. Available at: <http://www.ijpg.org/index.php/IJACSci/article/view/614>.
- Chen, Jiangping**. (2014). "In Brief: Effective and efficient Multilingual Information Access to Digital Collections." *D-Lib Magazine*, March/April 2014. <http://www.dlib.org/dlib/march14/03inbrief.html>.
- Azogu, Olajumoke, and **Jiangping Chen**. (2013). "Randomized Sampling: an Approach to Extraction of Metadata Records." Proceeding of Iconference 2013, Fort Worth, TX, February. 12-15. <https://www.ideals.illinois.edu/bitstream/handle/2142/42101/394.pdf?sequence=2>.
- Chen Jiangping**, Olajumoke Azogu, and Wenqian Zhao. (2012). "An Integrated Participatory Platform for Human Evaluation of Machine Translation." *Proceedings of the 12th ACM/IEEE-CS joint conference on Digital Libraries*, June 10-14, Washington D. C. <http://dl.acm.org/citation.cfm?id=2232922>.

- Chen, Jiangping.** (2012). "Multilingual Information Access for Digital Libraries and the Machine Translation of Metadata Records." *Public Library Journal* 36(3): 51-58. (In Chinese) Available at: <http://coolt.lis.unt.edu/homepage/publications/2012-JournalPaper-PLJ-inChinese.pdf>.
- Chen, Jiangping,** Ren Ding, Shan Jiang, and Ryan Knudson. (2012). "A Preliminary Evaluation of Metadata Records Machine Translation," *The Electronic Library* 30(2): 264-277. <http://www.emeraldinsight.com/doi/abs/10.1108/02640471211221377>.
- Budzise-Weaver, Tina, **Jiangping Chen,** and Mikhaela Mitchell. (2012). "Collaboration and Crowdsourcing: the Cases of Multilingual Digital Libraries." *The Electronic Library* 30(2): 220-232. <http://www.emeraldinsight.com/doi/abs/10.1108/02640471211221340>.
- Chen, Jiangping,** Olajumoke Azogu, Wenqian Zhao, Cheng Chieh Lien, Ryan Knudson, and Ying Zhang. (2012). "Integrating Machine Translation with Digital Collections for Multilingual Information Access." Paper presented at *the Tenth Biennial Conference of the Association for Machine Translation in the Americas*, <http://amta2012.amtaweb.org/>, October 28-November 1, San Diego, CA.
- Chen, Jiangping,** Ren Ding, and Shan Jiang. (2011). "Metadata Records Translation: the Case of the Portal to Texas History." *Library and Information Service* 54(2): 16-20. (In Chinese). Available at: <http://coolt.lis.unt.edu/homepage/publications/2011-JournalPaper-LIS-inChinese.pdf>.
- Chen, Jiangping,** Olajumoke Azogu, Wenqian Zhao, and Miguel E. Ruiz. (2011). "HeMT: a Multilingual System for Human Evaluation of Metadata Records Machine Translation." In *Online Proceedings of ASIST 2011*, New Orleans, LA, October 9-11. <http://onlinelibrary.wiley.com/doi/10.1002/meet.2011.14504801241/pdf>.
- Ding, Ren, **Jiangping Chen,** Ryan Knudson, and Frank Braun. (2011). "What Matters? an Investigation of Student Collaborative E-learning." *Proceedings of International Workshop on Education Technology*, May 6-8, 2011, Shanghai, China. Available at: <http://coolt.lis.unt.edu/homepage/publications/2011-Conferencepaper-ICEE.pdf>.
- Chen, Jiangping,** and Ryan Knudson, (2011). "Course Design Strategies for Teaching Technological Courses Online." Paper presented at *the 1st International Conference of ICT on Educational Applications*, September 28, Toluca, Mexico. Available at: <http://coolt.lis.unt.edu/homepage/publications/2011-Conferencepaper-TICS.pdf>.
- Chen, Jiangping,** and Fei Li. (2010). "Resource Acquisition, Sharing, and Use in Intelligent Information Access: an Investigation of the Researchers." *Online proceedings of ASIST2010 and ACM Digital Library*, Pittsburgh, Pennsylvania, October 24-27. https://www.asis.org/asist2010/proceedings/proceedings/ASIST_AM10/submissions/111_Final_Submission.pdf.
- Ruiz, Miguel. E., **Jiangping Chen,** Karthikeyan Pasupathy, Pok Chin, and Ryan Knudson. (2010). "UNT at ImageCLEF 2010: CLIR for Wikipedia Images." *Notebook papers of the CLEF 2010 Conference on Multilingual and Multimodal Information Access Evaluation*. Padua, Italy. <http://ceur-ws.org/Vol-1176/CLEF2010wn-ImageCLEF-RuizEt2010.pdf>.
- Cleveland, Ana, Jodi Philbrick, Xuequn (Della) Pan, Xinyu Yu, **Jiangping Chen,** Marty II O'Neill, and Lisa Smith. (2009). "Quality Health Information on the Internet: Developing a Diabetes Pathfinder for the Chinese Population." *Journal of Consumer Health on the Internet* 13(4): 313-333. doi: [10.1080/15398280903340798](http://dx.doi.org/10.1080/15398280903340798).

- Chen, Jiangping,** and Yu Bao. (2009). "Cross-language Search: the Case of Google Language Tools." *First Monday* 14(3). <http://firstmonday.org/ojs/index.php/fm/article/view/2335/2116>.
- Chen, Jiangping,** and Yu Bao. (2009). "Information Access Across Languages on the Web: from Search Engines to Digital Libraries." Paper presented at *ASIST2009*, November 7-11, Vancouver, British Columbia, Canada.
- Chen, Jiangping,** and Miguel E. Ruiz. (2009). "Towards an Integrative Approach to Cross-language Information Access for Digital Libraries." Paper presented at *SIGIR 2009 Workshop: Information Access in a Multilingual World*, Boston, Massachusetts, USA. July 23, 2009.
- Chen, Jiangping,** and Fei Li. (2008). "Resource and Resource Sharing in Intelligent Information Access." In *Hawamdeh, Suliman, Stauss, Kimberly & Barachini, Franz (eds.) Series on Innovation and Knowledge Management Vol. 7: Knowledge Management Competencies and Professionalism*, World Scientific Publishing, Singapore, 343-354.
- Cleveland, Ana, Xuequn Pan, **Jiangping Chen**, Xinyu Yu, Jodi Philbrick, Marty II O'Neill, and Lisa Smith. (2008). "Analysis of the Health Information Needs and Health Related Internet Usage of a Chinese Population in the United States." *Library and Information Service* 52(3): 112-116. (In Chinese)
- Fei Li, Xiao Hu, and **Jiangping Chen**. (2007). "Chapter 10: Information Technology in the Field." In *Research Fronts in the Humanities and Social Sciences in the West: Library and Information Science*, edited by Heting Chu and Yin Zhang, 290-318. Beijing: Press of Renmin University.
- Chen, Jiangping.** (2007). "Services Provided by Digital Libraries: Current Status and Future Strategies." *Library and Information Service* 51(12): 26-32.
- Chen, Jiangping.** (2006). "A Lexical Knowledge Base Approach for English-Chinese Cross-language Information Retrieval." *Journal of the American Society for Information Science and Technology* 57(2): 233-243.
- Chen, Jiangping,** Yuhua Li, and Gang Li. (2006). "The Use of Intelligent Information Access Technologies in Digital Libraries." *L. Feng et al. (Eds.): WISE 2006 Workshops*, LNCS 4256, pp. 239 – 250, Springer-Verlag Berlin Heidelberg 2006.
- Chen, Jiangping,** Fei Li, and Cong Xuan. (2006). "A Preliminary Analysis of the Use of Resources in Intelligent Information Access Research." *Online proceedings of ASIST2006*, Austin, Texas, November 13-8, 2006.
- Chen, Jiangping,** Ping Yu, and He Ge. (2006). "UNT 2005 TREC QA Participation: Using Lemur as IR Search Engine." *Online Proceedings of the Fourteenth Text REtrieval Conference (TREC 2005)*. Retrieved from <http://trec.nist.gov/pubs/trec14/papers/unorth-texas.qa.pdf>
- Chen, Jiangping.** (2005). "Toward a Unified Retrieval Outcome Analysis Framework for Cross-language Information Retrieval." Paper presented at *2005 annual conference of the American Society for Information Science and Technology*, Charlotte, North Carolina. October 30-November 1, 2005.
- Diekema, Anne, and **Jiangping Chen.** (2005). "Experimenting with the Automatic Assignment of Educational Standards to Digital Library Content." Paper presented at *Proceedings of 2005 Joint Conference on Digital Libraries*, Denver, Colorado, June 7-11, 2005.

- Chen, Jiangping**, Rowena Li, Ping Yu, He Ge, Pok Chin, Fei Li, and Cong Xuan. (2005). "Chinese QA and CLQA: NTCIR-5 QA Experiments at UNT." *Proceedings of NTCIR-5 workshop, Tokyo, Japan, December 2005*. Retrieved from <http://research.nii.ac.jp/ntcir/workshop/OnlineProceedings5/data/CLQA/NTCIR5-CLQA-ChenJ.pdf>.
- Chen, Jiangping**, Rowena Li, and Fei Li. (2005). "Chinese Information Retrieval Using Lemur: NTCIR-5 CIR Experiments at UNT." *Proceedings of NTCIR-5 workshop, Tokyo, Japan, December 2005*. Available at: <http://research.nii.ac.jp/ntcir/workshop/OnlineProceedings5/data/CLIR/NTCIR5-CLIR-ChenJ.pdf>.
- Chen, Jiangping**. (2005). "Establishing your Own Knowledge Base for Reference Service." Paper Presented at *Texas Library Association Annual Conference*, April 5-8, Austin, TX.
- Diekema, Anne R., Ozgur Yilmazel, **Jiangping Chen**, Sarah Harwell, Lan He, and Elizabeth D. Liddy. (2004). "Finding Answers to Complex Questions." In *New Directions in Question Answering*, edited by Mark T. Maybury, 141-152. Cambridge: AAAI-MIT Press.
- Chen, Jiangping**, He Ge, Yan Wu, and Shikun Jiang. (2004). "UNT at TREC 2004: Question Answering Combining Multiple Evidences." *Online Proceedings of TREC 2004*. Available at: <http://trec.nist.gov/pubs/trec13/papers/unorthtexas.qa.pdf>.
- Diekema, Anne, Ozgur Yilmazel, **Jiangping Chen**, Sarah Harwell, Lan He, and Elizabeth D. Liddy. (2003). "What do you Mean? Finding Answers to Complex Questions." Paper presented at *AAAI Spring Symposium: New Directions in Question Answering 2003*: 87-93.
- Qin, Jian, and **Jiangping Chen**. (2002). "Integration of a Resource-oriented Vocabulary with Knowledge-oriented Vocabulary System." *Journal of Academic Libraries* 20(2): 2-8. (In Chinese).
- Diekema, Anne R., **Jiangping Chen**, Nancy McCracken, Ozgur Yilmazel, and Elizabeth D. Liddy. (2002). "Question Answering: CNLP at the TREC-11 Question Answering Track." In *Proceedings of 11th Text REtrieval Conference*.
- Chen, Jiangping**, Anne R. Diekema, Mary Taffet, Nancy McCracken, Ozgur Yilmazel, and Elizabeth D. Liddy. (2002). "Question Answering: CNLP at the TREC-10 Question Answering Track." *Proceedings of 10th Text REtrieval Conference*, 485-494.
- Qin, Jian, and **Jiangping Chen**. (2001). "A Multi-layered, Multi-dimensional Representation of Digital Educational Resources." *IFLA satellite Conference on Subject Retrieval in a Networked Environment*. Ohio, August, 2001.
- Diekema, Anne R., Xiaoyong Liu, **Jiangping Chen**, Hudong Wang, Nancy McCracken, Ozgur Yilmazel, and Elizabeth D. Liddy. (2001). "Question Answering: CNLP at the TREC-9 Question Answering Track." *Proceedings of 9th Text REtrieval Conference*, 412-421.
- Chen, Jiangping**. (1996). "Distributed Database Systems and Their Applications." *New Technology of Library and Information Service* 3: 29-31. (In Chinese).
- Chen, Jiangping**. (1995). Automatic indexing expert system for scientific documents: Abstract of Thesis. *Library & Information*, No. 3.
- Xue, Jinfang, and **Jiangping Chen**. (1992). "Chinese Documentary Database of Spectroscopy and Atomic Molecular Physics: Abstracts." *CODATA BULLETIN Scientific Program and Abstracts, Proceedings of 13th International CODATA Conference*, 24(2): 124.

Chen, Jiangping. (1991). "The Construction Issues of Domain-specific Abstract Database Systems." Paper presented at the first workshop of Library and Information Science of Chinese Academy of Sciences, Wuhan Branch. November, Wuhan, China.

Xue, Jinfang, Shouchang Duan, and **Jiangping Chen.** (1991). "Subject Indexing Practice for Constructing a Domain-specific Documentary Database." *Information Professional Research* 1:36-38. (In Chinese)

Presentations, Invited Talks, and Posters

2018. "Natural Language Processing in the Context of Big Data", Invited talk at Wuhan University, June 27.

2018. "Smart and Connected Health Projects: Characteristics and Research Challenges." Invited Presentation at the 6th International Conference for Smart Health, Wuhan. July 1-3.

2018. "Information Science Research in Data-Driven Context: The Projects at UNT Intelligent Information Access Lab," Presented to Xidian University, Xi'an, China, June 14th.

2017-poster. "From Data to Wisdom: An Integrated Information Discovery Solution," *Research Discovery Workshop*, December 1, 2017, Discovery Park, University of North Texas College of Engineering.

2017. "Some Considerations and Questions to Discuss on Research in Information Science," Presented to faculty and students at the School of Information Management, Wuhan University, Wuhan, China, July 4.

2017. "Writing in English: Advice for Information Professionals and Academics" Presented to Chinese faculty and students attending the first English writing training class, Wuhan, China, March 25.

2017. "Use of Theories and Research Methods in LIS Journal Articles", presented to librarians in Wuhan Documentation and Information Center, Chinese Academic of Sciences, Wuhan, March 21, 2017.

2016. "Multilingual Information Access to Digital Collections" Presented at TLA 2016. April 20, Houston, TX.

2015 - poster. "Effective and Efficient Multilingual Information Access to Digital Collections." Poster presented at 2015 IMLS Focus Conference, November 16-17, New Orleans, LA.

2015. "Digital Libraries and Big Data." Wuhan University, July 11, 2015.

2015 with Kathryn Masten-Cain. "From Data to Knowledge, from Local to Global, the Research Questions for Information Professionals." Presented at KIPA Annual Meeting & Conference on Knowledge Management, March, 6, 2015, Denton, TX.

2014. "Library Services, Research, and Education in the U.S." Invited talk given at Shenzhen Library, June 27, 2014.

2014. "The Electronic Library and its Quality Control." Invited talk given at Wuhan University, China, June 22, 2014.

2014. "Multilingual Information Access to Digital Collections." Invited talk given at Central China Normal University, and Wuhan University, China, June 21-22, 2014.

2013. "A User-centered Collaborative Framework for Integrated Information Services in China." Presented at the 9th International Conference on Knowledge Management, Nov. 1-3, 2013, Montreal, Canada.

2012. "Integrating Machine Translation with Digital Collections for Multilingual Information Access." Presented at *the Tenth Biennial Conference of the Association for Machine Translation in the Americas*, October 28 0 November 1, 2012, San Diego, CA.
2012. "Connecting with Users beyond Language Boundaries through Multilingual Information Access for Digital Collections." *Texas Conference on Digital Libraries*, May 24-5, 2012. Austin, TX.
2011. "Instructional Design Strategies for Teaching Technological Courses Online." Invited talk given at the 1st International Colloquial on Educational Technology, September 28, 2011. Toluca, Mexico.
2011. "Multilingual Information Access for Digital Libraries: The Metadata Records Translation and Evaluation Project." Invited talk given to faculty and students at four academic institutions including: Wuhan University, Beijing Normal University, Nankai University, and the Library of Chinese Academy of Sciences, June-July, China.
2011. "Multilingual Information Access for Digital Libraries: The Metadata Records Translation and Evaluation Project." Invited talk given to faculty and students at UAEM, September 29, Toluca, Mexico.
- 2011 - poster. Chen, J., Azogu, O., & Zhao, W. (2011). HeMT: A Multilingual System for Human Evaluation of Metadata Records Machine Translation. Poster presented at *ASIST 2011 Annual Conference, New Orleans, LA, October 9-11*.
- 2010 - poster. Resource Acquisition, Sharing, and Use in Intelligent Information Access: an Investigation of the Researchers. *2010 annual conference of the American Society for Information Science and Technology*, Pittsburgh, Pennsylvania, October 24-27, 2010.
2010. "Digital Libraries and Open Access." *Houston All School Day*, April 24, 2010, Houston M.D. Anderson Library, University of Houston, Houston, TX.
2010. "Digital Library Services – the Key to Survival." *Denton All School Day*, March 27, 2010. Denton, TX.
2009. "Information Access Across Languages on the Web: from Search Engines to Digital Libraries." Presented at *2009 annual conference of ASIST*, November 7-11, 2009, Vancouver, British Columbia, Canada.
2009. "Towards an Integrative Approach to Cross-Language Information Access for Digital Libraries." Presented at SIGIR 2009 Workshop: Information Access in a Multilingual World, July 23, 2009. Boston, Massachusetts.
2009. "Cross-Language Information Access for Digital Library - Towards an Integrated Framework." June 17, 2009. Wuhan University, Wuhan, China.
2008. "Resource and Resource Sharing in Intelligent Information Access." Presented at ICKM 2008 (<http://www.ickm2008.org/>), October 23-24, 2008. Columbus, Ohio.
2007. "Digital Libraries: Definitions, Core Issues, and Research Opportunities." June 5, 2007. Wuhan University, Wuhan, China.
2007. "Digital Libraries: Definitions, Core Issues, and Challenges." June 18, 2007. Wuhan Documentation and Information Center, Chinese Academy of Sciences, Wuhan, China.
2006. "Implementing Cultural Diversity through Collaboration." Presented at 2006 TLA (Texas Library Association) Annual Conference, April 25-28, 2006. Houston, TX.

2005. "Toward a Unified Retrieval Outcome Analysis Framework for Cross Language Information Retrieval." Presented at ASIST'05 Annual Conference, October 30-November 1, 2005. Charlotte, North Carolina.
2005. "Information Access Across Languages." *Informal Talk* at the School of Library and Information Sciences, University of North Texas. April 13, 2005. Denton, TX.
2005. "Establishing Your Own Knowledge Base for Reference Service." Presented at: Texas Library Association Annual Conference, April 5-8, Austin, TX.
2005. "CLIR and CLQA Using Available Linguistic Resources and NLP tools - our Participation in NTCIR-5." Talk at the meeting of [UNT Language and Information Technologies Research Group](#), April 1, 2005. Denton, TX.
- 2004 - poster. "UNT at TREC 2004: Question Answering Combining Multiple Evidences." Poster presented at *2004 Text Retrieval Conference (TREC)*, November, 16-19. Gaithersburg, MD.
2004. "Please Give Me the Answers, Not Documents! - Automatic Question Answering (QA) using Natural Language Processing (NLP)." *Informal Talk* at the School of Library and Information Sciences, University of North Texas. March 31, 2004. Denton, TX.
- 2003 - poster. "Standard Connection." Poster with Anne Diekema and Elizabeth D. Liddy at 2003 National Science Digital Library All Projects Meeting, November 2003. Washington, DC.
2003. "Current Progress in Automatic Question Answering: Challenge or Opportunity?" Presented together with Anne Diekema at ASIST Annual Conference, October, 2003. Long Beach, California.
2003. "Award-winning Dissertation Proposal: the Construction, Use, and Evaluation of a Lexical Knowledge Base for English-Chinese Cross Language Information Retrieval." Presented at ASIS&T Annual Conference, October, 2003. Long Beach, California.
- 2003 – poster "Research on the Lexical Knowledge Base Approach for Cross Language Information Retrieval." Poster presented at 2003 ALISE Annual Conference, January, 2003. Philadelphia, Pennsylvania.
2002. "Standard Connection." Poster presented with Diekema A., and Liddy, E. D. at 2002 National Science Digital Library All Projects Meeting, November 2002. Washington, DC.,
2002. "Automatic Question and Answering in Aerospace Domain." Presented together with Diekema, A., Yilmazel, O., & Liddy, E. D. at the 4th International VRD Conference, November 2002. Chicago, Illinois.
1999. "What is Web Usability Anyway? A Conceptual Study on Usability in the Web Environment." Ping Zhang and Jiangping Chen presented at Mid-year conference of ASIS, May 1999.

Awards

2018. Recognition of Service Award, Association for Computing Machinery
2007. Junior Faculty Summer Research Fellowship, University of North Texas
2006. Junior Faculty Summer Research Fellowship, University of North Texas
2005. Junior Faculty Summer Research Fellowship, University of North Texas
2003. ISI/ASIS&T Doctoral Dissertation Proposal Award

1998-2001. Graduate Fellowship, Syracuse University

Proposal Submitted

2018. Co-PI (PI: Junhua Ding) REU Site: Data Analytics and Information Retrieval. National Science Foundation.

2018. PI. (Co-PI. Suliman Hawamdeh). "User Needs and Feasibility Investigation of An Intelligent Resource Portal for Hispanic Communities in Dallas." The Institute of Museum and Library Services, Pre-proposal.

Funded Research Projects

2016 – 2018. Co-PI. (PI: Dr. Zhiwu Xie at Virginia Tech Libraries; CO-PI: Dr. Edward Fox, Dr. Tyler Walters, and Dr. Pablo Tarazaga). "Developing Library Cyberinfrastructure Strategy for Big Data Sharing and Reuse" (<https://www.ims.gov/grants/awarded/lg-71-16-0037-16>), Institute of Museum and Library Services National Leadership Grant. Award Amount: \$308,175.

2013 – 2017. PI. "Effective and Efficient Multilingual Information Access to Digital Collections" (<https://www.ims.gov/grants/awarded/lg-06-13-0187-13>), Institute of Museum and Library Services National Leadership Grant. Award Amount \$486,078.

2012. PI. "English-Spanish Machine Translation for Multilingual Information Access," Joint UAEM-UNT Research Seed Fund Program, \$5,000.

2010 – 2012. PI. "Enabling Multilingual Information Access to Digital Collections: An Investigation of Metadata Records Translation" (<https://www.ims.gov/grants/awarded/lg-06-10-0162-10>), Institute of Museum and Library Services National Leadership Grant, Award Amount: \$271,344.

2006 – 2007. PI. "Developing a Resource Repository for Intelligent Information Access," Faculty Research Grant, University of North Texas, \$5,000.

2006 – 2007. PI, (Co-PI: Dr. William E. Moen). "Addendum No.1: Batch Loading System for Authors @ Your Library Web Database System," Association of American Publishers, \$3,500.

2005 – 2006. Language and Culture Expert, (PI: Dr. Ana Cleveland). "Health Information Outreach to the Chinese Population in the Dallas/Fort Worth Metroplex: Teaching Chinese Health Consumers How to Find Quality Health Information on the Internet," National Network of Libraries of Medicine/South Central Region. \$44,815 (\$24,466 from.nlm and \$20,349 from UNT).

2005. PI, (Co-PI: Dr. William E. Moen). "Authors @ Your Library Web Database System," Association of American Publishers, \$11, 220.

2004. PI. "Combining Web Mining and Information Extraction for Cross Language Information Retrieval," Junior Faculty Research Grant, University of North Texas, \$3,000.

2004. PI. (Student: Yan Wu), "TREC Question Answering and System Evaluation," ISDOC Mini-Grant. \$2,000.

Teaching: Areas of Expertise

Data Science
Data Analysis and Knowledge Discovery
Digital Libraries
Research Methods
Computer Programming
Information Architecture
Data Modeling and Database Design
Information Retrieval
Natural Language Processing

Teaching: Courses Taught

INFO 5810/4670: Data Analysis and Knowledge Discovery
INFO 5731: Computational Methods for Information Systems (Spring 2016 with experimental title INFO 5960.001)
INFO 6940: Seminar in Research and Research Methodology (Fall 2015 –)
SLIS 5707: Data Modeling for Information Professionals (2004 –)
SLIS 5717: Dynamic WWW Control Structures (Spring Semester, 2004 –)
SLIS 6000: Seminar in Information Science (Fall 2011)
SLIS 5745: Information Architecture (Fall 2013 –)
SLIS 5740: Introduction to Digital Libraries (2007 – 2010)
SLIS 5960.012: Multilingual Information Access and Services (Summer 2010)

Teaching: Advising and Supervising Responsibilities for Master Students

2017 – 2018. Master of Science in Data Science Program
(<https://informationscience.unt.edu/ms-data-science>)
2010 – Current. Digital Content Management Graduate Academic Certificate
(<http://lis.unt.edu/digital-content-management>)
2004 – Current. IS Information Systems Program of Study (<http://lis.unt.edu/ms-is-information-systems>)

Teaching: Dissertation Committees

Current Dissertation Chair

Mr. Anping Wu (Passed qualifying exam in Fall 2012) “Technical and Practical Challenges to Sustain Multilinguality: Case Studies of Two American Multilingual Digital Libraries.”

Mr. Haihua Chen

Current Dissertation Committee Member

Ms. Min Namgoong (Passed Qualifying Exam on December 2011)

Ms. Elizabeth Jones (Passed qualifying exam in Fall 2014)

Duha AlSmadi (Proposal Defended in May, 2018) "Information Sharing and Storage Behavior via Cloud Computing: Security and Privacy in Research and Practice and Users' Trust"

Past Dissertation Chair

Dr. Brenda Reyes Ayala (Defended in May 2018) "A Grounded Theory of Information Quality in Web Archives"

Dr. Olajumoke Azogu (Defended December 2016) "What Are They Going Up There? A Uses And Gratification Study of Small And Medium Enterprises Cloud Use"

Dr. Ryan Knudson (Defended Dissertation in Spring 2015) "Language Identification For Metadata Records"

Dr. Sutthinan Chuenchom (Defended Dissertation May 2011) "User-Centered Evaluation Of The Quality Of Blogs."

Dr. Fatih Tombul (Defended Dissertation April, 2011) "The Impact of Leadership Styles and Knowledge Sharing on Police Officers' Willingness to Exert Extra Effort to Provide Better Security: A Study in Riot Unit of Turkish National Police."

Dr. Osman Kilic, "Information Literacy Skills in the Workplace: A Study on Police Officers," Dissertation Defended June, 2010 Graduated August, 2010.

Dr. Erhan Erdonmez, "Media and Fear of Crime in Turkey: the Effect of Media on Citizens' Fear of Crime," Graduated August 2009.

Dr. Rowena Li (co-chaired), "The Representation of National Political Freedom on Web Interface Design: A Comparison of Government-based and Business-oriented Websites," Graduated December 2008.

Past Dissertation Committee Member

Dr. James Spence (Defended dissertation in May 2018) "A comparison of major factors that affect hospital formulary decision-making by three groups of prescribers"

Dr. Serhiy Polyakov (Defended dissertation in June 2015) "Enhancing User Search Experience in Digital Libraries with Rotated Latent Semantic Indexing"

Dr. Carmen Banea (Computer Science, defended her dissertation in Spring 2013) "Extrapolating Subjectivity Research to Other Languages."

Dr. Xuequn (Della) Pan "The Role of Health Tasks in the Health Information Searching of Chinese Students." 2012

Dr. Mehmet Odabasi, "User Acceptance of North Central Texas Fusion Center System By Law Enforcement Officers." Defended July 28, 2010. Graduated December 2010.

Dr. Serkan Tatil, "Effects of Tasks on Information-seeking Behavior: In a Police Work Environment in the Context of Criminal Intelligence." Graduated December 2009.

- Dr. Kubra Gultekin**, "Knowledge Management and Law Enforcement: Examination of Knowledge Management Strategies of Police Information Management (POLNET) in the Turkish National Police," Graduated August 2009.
- Dr. Andras Csomai** (Computer Science), "Keywords in the Mist: Automated Keyword Extraction for Very Large Documents and Back of the Book Indexing," Graduated May 2008.
- Dr. Danxia (Christina) Chen**, "Changes in Social Distance Among American Undergraduate Students Participation in a Study Abroad Program in the People's Republic of China," Graduated December 2007.
- Dr. Ramazan Yalcinkaya**, "Polis Officers' Adoption of Information Technology: A Case Study of Turkish POLNET System," Graduated August 2007.
- Dr. Huseyin Durmaz**, "Officer Attitudes toward Organizational Change in Turkish National Police," Graduated August 2007.
- Dr. P.L.Sujatha**, from Dept. of Information Science, Uni. Of Madras, India, "Designing of an Information Retrieval System for Veterinary Science," Graduated December 2007.
- Dr. Chris Strauss**, "Organizational Memory Components and Distributed Cognition Processes in a Computer Support Environment," Graduated August 2006.

Master Thesis Committees

- Ms. Cathy (Jiaying) Hu**, "The Perception and Viability of English Corner on the American Campus," December 2014.
- Mr. Michael Mohler** (Computer Science), "The Enhancement of Machine Translation for Low-Density Languages Using Web-Gathered Parallel Text," Graduated December 2007.
- Mr. Ehsanul Faruque** (Computer Science), "Word Sense Disambiguation Using Syntactic Dependencies and WordNet Hierarchies," Graduated December 2005.

Service: Journal Activities

- 2013 – Current. Editor-in-Chief, *The Electronic Library* (<http://www.emeraldinsight.com/el.htm>)
- 2017 Editorial Advisory Board Member, *Information Discovery and Delivery* (<http://www.emeraldinsight.com/loi/idd>)
- 2017 Editorial Board Member, *Library and Information Service* (<http://www.las.cas.cn/xscbw/>)
- 2018 Editorial Board Member, *Journal of Information Resources Management* (<http://jirm.whu.edu.cn>)
- 2006 – current. Reviewer, *Journal of the American Society for Information Science and Technology*
- 2007 – 2013. Reviewer, *Information Processing and Management*
2010. Reviewer, *Journal of Education for Library and Information Science (JELIS)*
2010. Reviewer, *Online Information Review*
2008. Reviewer, *Journal of Information Fusion*
2004. Reviewer, *Journal of Natural Language Engineering*, Special issue on Parallel Texts
- 1995 – 1998. Editorial Board, *Electronic Science & Technology Abstract* (A Chinese journal)

Professional and Academic Association Membership

- 1999 – Current. [American Society for Information Science & Technology \(ASIS&T\)](#)
- 2012 Member, International Relations Committee
 - 2009. Reviewer, 2009 Annual Conference of the American Society for Information Science and Technology
 - 2008. Organizer and Moderator, ASIST Panel: Multilingual Information Access for Digital Libraries
 - 2004. Committee Member, Student Chapter of the Year, ASIS&T
- 2007 – Current. [The American Library Association \(ALA\)](#)
- 2007 – Current. [Library and Information Technology Association \(LITA\)](#)
 - 2010 – 2012. Committee Member, Education Committee
 - 2007 – 2008. Committee Member, LITA 2008 National Forum
- 2007 – Current. [ALA International Relations Round Table \(IRRT\)](#)
- 2013 – 2015. Co-Chair, International Librarians Reception Committee
 - 2009 – 2012. Committee Member, International Librarians Reception Committee
- 2009 – 2011. [Association of College and Research Libraries \(ACRL\)](#)
- 2010 – 2011. ACR-ULSDGCT - ACRL/ULS Current Topics Discussion Group
- 2010 – 2014. [Association for Machine Translation in the Americas \(AMTA\)](#)
- 2003 – 2005, 2012. [Association for Library and Information Science Education \(ALISE\)](#)
2006. [Texas Library Association \(TLA\)](#)
- 2002 – 2010. [Association for Computing Machinery \(ACM\)](#)
- 2002 – 2010. [ACM Special Interest Group on Information Retrieval \(SIGIR\)](#)
2008. [The Association for Computational Linguistics \(ACL\)](#)
- 2006 – 2007. Reviewer, Human Language Technology conference - North American chapter of the Association for Computational Linguistics annual meeting (HLT-NAACL) 2007
- 1988 – 1998. [China Society for Scientific and Technical Information \(CSSTI\)](#)

Other Services to the Profession

- 2018. General Chair, ACM/IEEE Joint Conference on Digital Libraries (<http://2018.jcdl.org>)
- 2018. President, North Texas Chinese Faculty Association (<http://ntcfa.net/>)
- 2017. Co-Chair, Iconference 2017 Doctoral Colloquium (<http://ischools.org/the-iconference/organizers/>)
- 2017. Co-Chair, JCDL 2017 Doctoral Consortium
- 2016, JASIST Best Paper Award Jury

- 2016. Reviewer, Louisiana Research Competitiveness Subprogram (RCS) and Pilot Funding for New Research (Pfund)
- 2014 Third-Year Faculty Continuing Reviewer
- 2014 Reviewer, Journal of Natural Language Engineering
- 2013 Panelist, National Science Foundation (NSF), Division of Information & Intelligent Systems (IIS)
- 2013 Tenure And Promotion Reviewer
- 2011 Reviewer, Iconference 2011
- 2009 Reviewer, NIH (National Institute of Health) Plain Language Awards Program
- 2008 Panelist, National Science Foundation (NSF) Division of Information & Intelligent Systems (IIS)
- 2007 Reviewer, *Database Systems: A Practical Approach to Design, Implementation, and Management” Fourth edition* published by Addison-Wesley
- 2006 Program Committee, WISE (The Seventh International Conference on Web Information Systems Engineering <http://www.skise.org:8080/wise06/>) Workshop on Web Information Access and Digital Library
- 2005 Reviewer, Conference on Design for User eXperience (dux2005), Fort Mason, San Francisco, CA.
- 2004 Reviewer, ITIE (Information Technology in Education) 2004 International Conference

Services to the University of North Texas (UNT)

- 2018, member, UNT Vice President for Research and Innovation Search Committee
- 2016 – 2018, member, University Faculty Research Committee
- 2010 - 2012, 2007 – 2009, member, University Writing Committee
- 2009 - 2010 Member, UNT High-performance Computing Faculty Advisory Committee
- 2007 – 2010 Senator, Faculty Senate
- 2009 Nominated by the Dean of College of Information to participate in “UNT in the World: Global Scholar Development Program, June 2009 - Modernity, Development, and Sustainability: Examine the New China from Inside,” Visited more than ten Chinese universities and academic institutions.
- 2007 – 2008 Reviewer, UNT Faculty Research Grant
- 2005 – 2006 Faculty Advisor, UNT & TWU Chinese Students and Scholars Association (CSSA)

Service to the College of Information (COI)

- 2015 – 2017 COI Reappointment, Promotion & Tenure Committee
- 2017 – 2018 COI Supplementary Travel Review
- 2016 Member, COI Research Staff Search Committee

2010 – 2011 Member, Ad Hoc Working Group on COI Strategic Plan for Research and Scholarly Communication

2009 – 2010 Member, Information Technology Ad Hoc Committee

Services to the Department/School of Library and Information Sciences at UNT

2018 – 2019 Chair, IS Data Science Search Committee

2018- 2019 Member, EOP Committee

2017 - 2018 Member, Reappointment, Promotion & Tenure Committee

2017 - 2018 Member, Executive Committee

2017 – 2018 Chair, Data Science Search Committee

2016 – 2017 Member, Faculty Search Committee

2016– 2017 Resource and Facilities Committee

2015 – 2016 Member, End-of-Program Committee

2015 – 2016 Member, Faculty Search Ad Hoc Committee

2015 – 2017 PhD Admission Committee

2013 – 2015 Member, Curriculum Committee

2011 – 2015 Member, Personnel Affair Committee

2014 – 2015 Member, LIS Reappointment, Promotion & Tenure Committee

2013 – 2014 Chair, LIS Faculty Search Ad Hoc Committee

2013 Member, LIS Interdisciplinary Information Science PhD Program Admission Committee

2010 – 2014 Member, LIS Reappointment, Promotion & Tenure Committee

2012 – 2013 Member, Resources and Facilities Committee

2012 – 2013 Member, COA MGO Working Group

2011 – 2012 Chair, LIS Faculty Search Ad Hoc Committee

2010 – 2012 Member, Executive Committee

2011 – 2012 Member, Student Affair Committee

2010 – 2011 Co-chair, Personnel Affair Committee

2010 – 2011 Member, Resources and Facilities Committee

2009 – 2010 Chair, Faculty Search Committee for Digital Content Management

2009 – 2010 Member, Digital Content Management Ad Hoc Committee

2009 – 2010 Member, Capstone Committee

2008 – 2009 Member, LIS Curriculum Committee

2007 – 2008 Member, SLIS Executive Committee

2008 Member, Ad Hoc Committee on Consolidation,

2007 – 2008 Member, Resources and Facilities Committee

2007 – 2008 Member, Capstone Committee
2007 Chair, Grade Appeal Ad Hoc Committee
2006 – 2007 Chair, Committee on Committees
2005 – 2006 Member, Committee on Committees
2006 – 2007 Chair, Curriculum Committee
2005 – 2006 Co-Chair, Curriculum Committee
2004 – 2005 Co-Chair, Curriculum Committee
2006 – 2007 Member, Capstone Committee
2005 – 2006 Co-Chair, COA Curriculum Working Group
2004 – 2005 Co-Chair, COA Curriculum Working Group
2005 – 2006 Member, COA Student Working Group
2004 – 2005 Member, COA Student Working Group
2004 – 2005 Member, Information Technology Knowledge & Skills Committee