

Dr. XIN WANG



Principle Lecturer, PhD

*BS-IS Program Director
Department of Information
Science College of Information
University of North Texas*

TEACHING & RESEARCH INTERESTS

- Usability & User Experience Metrics
- Interface & Interaction Design
- Information Architecture
- Data Analytics for UI Optimization
- Health Informatics

WORK HISTORY

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|---|-------------------|
| • IS Undergraduate Program Director, Department of Information Science
College of Information, University of North Texas | 10/2021-Present |
| • Principal Lecturer, Department of Information Science | 09/2023-Present |
| • Senior Lecturer, Department of Information Science
College of Information, University of North Texas | 08/2017-08/2023 |
| • Lecturer, Department of Information Science
College of Information, University of North Texas | 08/2013-- 07/2017 |

EDUCATION BACKGROUND

- | | |
|---|------------------|
| Ph.D. Information Science & Learning Technologies, University of Missouri
Minor: Health Informatics
Dissertation: "User Models for Medical Image Indexing and Retrieval: An Empirical Study of
Health Professionals and Pre-Professionals" | 08/2006-12/2012 |
| M. A. Library & Information Science, University of Missouri | 08/2006-08/2010 |
| M. A. Communication, University of Wisconsin-Stevens Point
Thesis: "An Analysis of Cultural Value Orientations Reflected in Corporate Websites" | 08/2003-05/2005 |
| B. A. English Linguistics, Shanxi University, China | 09/1997-07/ 2001 |

TEACHING EXPERIENCE

Principal Lecturer & Undergraduate Program Director

09/2023 --Present

- Developed and taught the first undergraduate core course- Info4100 Introduction to Information Science;
- Created Info5735 Usability & UX Metrics at UNT; Conducted major revision for Info4745/Info5745 Information Architecture
- Coordinated data collection and ensure the BS-IS program Institution Effectiveness (IE) evaluation highly effective;
- Out-reached to DFW high school students to increased the enrollment of undergraduate student program substantially;

Senior Lecturer & Core Course Coordinator

08/2017- 2023

Department of Information Science, University of North Texas, Denton, Texas

- Served as core course coordinator, leading the development of core course INFO5000 Information & Knowledge Professions.
- Developed the new undergraduate core course: Info4100 Introduction to Information Science;
- Served as the Web-Based Information Science Education (WISE) administrator on behalf of the DIS;
- Served as the Co-Advisor of Library & Information Student Association (LISSA);
- Taught the large-size/multiple sections of a core course (Info5000 Information & Knowledge Professions) for in-person and online graduate student across different locations;
- Created and updated elective courses (Info5735: Usability & User Experience Metrics; Info5745: Information Architecture)

Lecturer & core course coordinator

08/2013-09/2017

Department of Information Science, University of North Texas, Denton, Texas

- Taught core courses for in-state and out-of-state regional cohorts.
- Coordinated 4–5 sections of core courses each semester.
- Supervised multiple teaching assistants to ensure instructional quality and student support.
- Integrated new technologies into the teaching and learning process to enhance engagement and accessibility.
- Conducted outreach to out-of-state students through the Web Institute event.

Adjunct Lecturer, (9410 Consumer Health Information)

05/2013-08/2013

School of Information Science & Learning Technologies, University of Missouri, Columbia, MO

- Created and developed the new course INFO 9410: Consumer Health Information
- Designed learning materials and interactive activities for a fully online course.
- Led student discussions and engagement through the Blackboard learning platform.
- Designed a variety of stimulating assignments and developed evaluation rubrics to measure student performance and learning outcomes.

Teaching Assistant, (7302: Organization of Information)01/2010-05/2010 School of Information Science &

Learning Technologies, University of Missouri, Columbia, MO

- Facilitated the instructor in course preparation and evaluation;
- Supported distance students to participate into face-to-face class sessions via video conference tools;

Teaching Assistant, (9412: Information Storage and Retrieval 01/2009-05/2009 01/2008-05/2008

School of Information Science & Learning Technologies, University of Missouri, Columbia, MO

- Utilizing WebCT tool (Blackboard Learning System) to teach fundamental SQL commands and basic concepts about relational databases;
- Preparing lesson plans and lecture materials for laboratory sessions;
- Designing and grading students' assignments;
- Leading discussions and answering students' questions via Blackboard system;

Training Instructor, (Usability & UX Research Methods and Techniques) 01/2008-01/2010

School of Information Science & Learning Technologies, University of Missouri, Columbia, MO

- Offering usability training lectures and laboratory guidance for SISLT doctoral students;
- Providing training lectures for MU and external library professionals through workshops (e.g., ASIS&T pre-conference workshop);
- Offering training lectures for undergraduate students

GRANT, AWARDS, & HONORS

- UNT Open-Text Book Project, Co-PI, \$10,000, UNT Library & UNT Press, May 2021-May 2022 (Funded). PI: Suliman Hawamdeh; Co-PI: JeongHyun Kim; Xin Wang.
- NSF-REU Site Proposal: Data Science (2021), \$400,000 proposal submitted but not Funded) as co-leading Faculty. PI: Junhua Ding; Ting Xiao; Daniela Smith. [Proposal Submitted but Not Funded]
- NetDragon Digital Research Center, User Experience Research for 101 PPT application; PI, \$6,071, Spring 2018-summer 2018 (Funded).
- NSF Accelerating Innovation Research, submitted the research proposal entitled as "Prototype Development of Fast Ultrasound-Switchable Fluorescence Imaging" as Subcontract PI at UNT, \$200,000, 2017-2019. (Submitted but not funded);
- NextGen Award, The Re-design of a Large-Size LIS Core Course, CLEAR Office of University of North Texas. PI, \$6,000, Spring 2015-Spring 2017 (Funded).
- Provost's Venture Fund for China, Enhancing U.S. -China library exchange. University of North Texas. PI, \$3,350, Spring 2014—Spring 2015 (extended to Spring 2016) (Funded).
- Best Presentation Award, User experience & assessment transforms library online presence. International Conference on Chinese Digital Publishing and Digital Libraries, July 3-7th, 2014, Jinan, China.
- Graduate Scholar Award, the International Conference on the Image, 2010.
- Travel Scholarship, the Graduate Professional Council, University of Missouri, 2010.

- Travel Award, School of Information Science & Learning Technologies, University of Missouri, 2008- 2010.
- Research Assistantship, National Science Foundation Visual Knowledge Project, Department of Computer Science, University of Missouri, January 2010 – December 2010.
- Research Assistantship, School of Information Science & Learning Technologies, University of Missouri, August 2006 – December 2009.
- Graduate Assistantship, School of Education, University of Wisconsin-Stevens Point, 2001-2005.
- Qiao Pengshu Scholarship, Shanxi University, China, 2000
- Academic Excellence Scholarship for three consecutive years, Shanxi University, China, 1997- 1999.

RESEARCH EXPERIENCE

Research Assistant & Usability Specialist, Information Experience (IE) Laboratory 01/2011-05/2013

School of Information Science & Learning Technologies, Columbia, MO 01/2008-01/2010

- Conducted comprehensive usability studies focusing on user interface design and user experience enhancements.
- Designed and executed usability testing protocols, evaluating over a dozen library, educational, and healthcare websites and information systems to identify and rectify design inefficiencies.
- Presented design-centric research projects at regional, national, and international conferences, emphasizing innovative approaches to user interface and experience design.
- Authored and critically reviewed technical reports detailing design assessments and recommendations for usability evaluation projects.
- Developed comprehensive usability training materials and organized seminars for both on-campus and off-campus professionals, focusing on best practices in user interface design and evaluation.

Research Assistant, National Science Foundation (NSF) Visual Knowledge Project 01/2010–01/2011

Department of Computer Science, University of Missouri (MU), Columbia, MO

- Led research on image indexing and visual information-seeking behavior of health professionals and pre-professionals, focusing on enhancing user experience and interface design to improve information retrieval efficiency.
- Collaborated with computer scientists to design medical image retrieval systems, prioritizing user-centered interface design to facilitate intuitive navigation and enhance user satisfaction.
- Represented the research team by presenting findings on user experience improvements and UI design innovations at regional, national, and international conferences.
- Published research papers in conference proceedings and journals, detailing advancements in user interface design and user experience optimization in medical image retrieval systems.

Research Assistant, eThemeProject 01/2007-01/2008

School of Information Science & Learning Technologies, University of Missouri, Columbia, MO

- Conducted research on applying web analytics to study user information behavior patterns, leading to data-driven enhancements in user interface designs and overall user experience.
- Provided virtual reference services to K–12 teachers of the eMINTS National Center, utilizing user feedback to refine the digital platform's usability and accessibility.
- Curated and evaluated content-rich, kid-safe online resources for K–12 teachers, parents, and students, ensuring an intuitive and engaging user experience.
- Created, revised, and updated metadata records in the eThemes resource inventory, optimizing information architecture for improved content discoverability and user navigation.

JOURNAL PUBLICATIONS (REFEREED)

1. Li, Y., Cao, H., Allen, C.M. **Wang, X.**, Erdelez, S. & Shyu, C.R. (2020). Computational modeling of human reasoning processes for interpretable visual knowledge: a case study with radiographers. *Scientific Reports*, 10 (21620). <https://doi.org/10.1038/s41598-020-77550-9>
2. **Wang, X.**, Erdelez, S., Allen, C., Anderson, B., Cao, H. (2012). The role of domain knowledge in developing user-centered medical image indexing. *Journal of the American Society for Information Science and Technology (JASIST)*, 63(2), 225-241. <https://doi.org/10.1002/asi.21686>
3. **Wang, X.**, Shen, D. M., Chen, H. L., & Wedman, L. (2011). Applying Web Analytics in a K-12 resource inventory. *The Electronic Library*, 29 (1), 20-35. <https://doi.org/10.1108/02640471111111415>
4. **Wang, X.**, & Cho, K. (2010). Computational linguistic assessment of genre differences focusing on text cohesive devices of student writing: implications for library instruction. *The Journal of Academic Librarianship*, 36 (6), 501-510. <https://doi.org/10.1016/j.acalib.2010.08.006>
5. **Wang, X.**, Yadamsuren, B., Paul, A., Adkins, D. K., Laur, G. C., Andrew, T., et al. (2010). Iterative usability evaluation for an online educational Web portal. *International Journal of Multimedia Data Engineering and Management*, 1(4), 31-49. <https://doi.org/10.4018/978-1-4666-1791-9.ch01>

JOURNAL PUBLICATIONS IN PREPARATION (REFEREED)

- **Wang, X.**, Erdelez, S., Hongfei, C., Lu, Y.H. Allen, C., Anderson, B. Shyu, C. R. (Manuscript Completed). An Investigation of the Knowledge Discovery Process Between Medical Image Professionals and Paraprofessionals. Plan to submit to *Journal of the American Society for Information Science and Technology (JASIST)*.

BOOK/BOOK CHAPTERS (REFEREED)

1. Hawamdeh, S., Kim, J., & **Wang, X.** (2023). [Chapter 8: The making of a profession: Values, ethics, and conducts](#). In *Foundations of the information and knowledge professions* (Chapter 8). University of North Texas Press/UNT Libraries.
2. Hawamdeh, S., Kim, J., & **Wang, X.** (2023). [Chapter 9: Information institutions and professional associations](#). In *Foundations of the information and knowledge professions* (Chap. 9). University of North Texas Press/UNT Libraries.
3. **Wang, X.** (2017). Data analytics applied in CNKI databases search log: Understanding Chinese content users in North America. In D.G. Alemneh, Jeff Allen, & S. Hawamdeh (Eds.). *Knowledge Discovery and Data Design Innovation*. NJ: World Scientific. https://doi.org/10.1142/9789813234482_0005

CONFERENCE PAPERS/POSTERS/TECHNICAL REPORT

1. Suttle, M.; Kim, H.; Chang, H.; **Wang, X.** 2024. A Case Study in Understanding Information Sharing of a Fast Fashion Brand H&M Regarding Sustainability. In: 6th International Conference on Advanced Research Methods and Analytics (CARMA 2024). Valencia, 26-28 June 2024. <https://doi.org/10.4995/CARMA2024.2024.1809>

2. Hidalgo, C. Holland, B., Sanniego, S., **Wang, X.** (2018). Smartcampus Mobile App Usability Evaluation Report. Report submitted to the Netdragon Digital Research Center, UNT.
3. Bajracharya, A. Vispute, D., Ranjit, U. **Wang, X.** & Lin, L. (2018). Netdragon Project: User experience study on 101 Education Powerpoint App. Report submitted to the Netdragon Digital Research Center, UNT.
4. Zhang, X.R., & **Wang, X.** (2017). Collaborative innovation and knowledge management. Poster presented at the 13th International Conference on Knowledge Management ICKM 2017, Dallas, Texas, 2017.
5. **Wang, X.**, Chang, H.C., Chen, J., & Yang, J. (2017). Using data analytics techniques to understand Chinese content users' interest and interaction patterns. Paper presented at the 13th International Conference on Knowledge Management ICKM 2017, Dallas, Texas, 2017.
6. **Wang, X.** & Rennick, B. Designing User-Centered Mobile Wayfinding Application for Library Indoor Navigation. (2016). Online proceedings of Iconference 2016, Philadelphia, Pennsylvania, March 20- 23, 2016. <https://doi.org/10.9776/16533>
7. Rennick, B. & **Wang, X.** (2015). Smartphone user on an academic library website featuring responsive web design. Online Proceedings of Iconference 2015, Newport Beach, California, March 24-27, 2015.
8. Rennick, B. **Wang, X.** (2015). Responsive design: a new approach to meet the needs of mobile users on library website. Poster will be presented at the American Library & Information Science Education (ALISE), Chicago, Illinois, Texas, January 27-30, 2015.
9. Farabough, M., **Wang, X.** (2014). Leading dermatologists toward user-centric, image-based health information systems. Poster presented at the 2014 Texas Library Association (TLA) annual conference, San Antonio, April 8-11, 2014.
10. **Wang, X.**, Erdelez, S. (2013). Medical image users' search tactics across different search tasks. Online proceedings of 2013 annual conference of the American Society for Information Science and Technology (ASIS&T), Montreal, November 1-5, 2013. <https://doi.org/10.1002/meet.14505001168>
11. Lu, Y.H, **Wang, X.** Ma, Y.F. (2013). Comparing user experience in a news website across three devices: iPhone, iPad, and Desktop. Online proceedings of 2013 annual conference of the American Society for Information Science and Technology (ASIS&T), Montreal, November 1-5, 2013. <https://doi.org/10.1002/meet.14505001141>
12. Han, J., **Wang, X.**, Anderson, B., Dyer, J., Shyu, C.R. (2012). A study of dermatological image archive, search, and use behaviors. Poster was presented at the AMIA 2012 annual symposium, Chicago, IL, November 3-7, 2012.
13. **Wang, X.**, Erdelez, S., Lu, Y.H., Allen, C., Anderson, B., Cao, H, Shyu, C.R. (2011). Search tactics for medical image retrieval. Online Proceedings of 2011 annual conference of The American Society for Information Science and Technology (ASIS&T), New Orleans, LA, October 9-11, 2011. <https://doi.org/10.1002/meet.14505001168>
14. **Wang, X.**, Erdelez, S., Carla, A., Anderson, B., Cao, H.F., Shyu, C.R. (2011). Medical image describing behavior: A comparison between an expert and novice user. Online Proceedings of Iconference 2011, Seattle, Washington, February 8-11, 2011. <https://doi.org/10.1145/1940761.1940907>
15. Anderson, B., Allen, C., Cao, H. F., Harnsomburana, J., **Wang, X.**, Arthur, G., Erdelez, S., & Shyu, C. R.(2010). A framework for data acquisition of visual knowledge through webcam-based gaze

- tracking, Poster presented at the AMIA 2010 Annual Symposium, Washington, D. C, November 13-17, 2010.
16. **Wang, X.**, Kochtanek, T. R., Borwick, J. B. (2010). Comparing image users and uses with Web Analytics. Online Proceedings of 2010 annual conference of The American Society for Information Science and Technology (ASIS&T), Pittsburgh, Pennsylvania. October 22-27, 2010.
<https://doi.org/10.1002/meet.14504701397>
 17. **Wang, X.**, Carla M. A., Cao, H., Anderson, B. E. (2010). Comparing methods on eliciting episodes of medical image information encountering. Poster presented at The International Workshop on Opportunistic Discovery of Information, Columbia, Missouri, October 21-22, 2010.
 18. Wang, J. Z., Thompson, K., **Wang, X.** Vo., N. (2010). Redesign a usability laboratory website —a case study in managing design and usability teams. Poster presented at the Information Architecture (IA) Summit 2010, Phoenix, Arizona, April 9-11, 2010.
 19. **Wang, X.**, Erdelez, S., Al Ghenaïmi, S. A., Centner, S., Chen, W., Wang, J., et al. (2010). Understanding users' needs for a health literacy website: the information horizons approach. Poster presented at the American Library & Information Science Education, Boston, Massachusetts, January 12-15, 2010.
 20. Yadamsuren, B., **Wang, X.**, Wang, J., VO, N. (2009). Usability of the academic library website: implementing the heuristic walkthrough methods. Poster presented at the American Library & Information Science Education (ALISE), Denver, Colorado, January 20-23, 2009.
 21. **Wang, X.** (2009). Applying Web Analytics in a K-12 electronic resource inventory: understanding users and uses. Poster presented at the Missouri Library Association (MLA) 2009 Annual Conference, Columbia, Missouri.
 22. **Wang, X.**, Shen, D. M., & Chen, H. L. (2008). Developing K-12 Web-based learning resources: lessons learned from Web Analytics. Paper presented at the 6th International Conference on Education and Information Systems, Technologies and Applications: EISTA 2008, Orlando, Florida, June 29 – July 2, 2008.
 23. Shen, D. M., **Wang, X.**, & Chen, H. L. (2008). An exploratory study on Web analytics for digital learning materials. Paper presented at the E-Learn 2008. Las Vegas, Nevada, November 17-21, 2008.
 24. Yadamsuren, B., Paul, A., Wang, J., **Wang, X.** and Erdelez, S., (2008). Web ecology: information needs of different user groups in the context of a community college website. Poster presented at the American Society for Information Science and Technology, Columbus, Ohio, October 24-29.
 25. Koopman, R., Kochendorfer, K. M., Mehr, D. R., Moore, J. L., Yadamsuren, B., Coberly, J. S., Wakefield, D. S., Paul, A., **Wang, X.**, Liu, Y., (2008). A condition summary screen improves provider efficiency and accuracy in accessing data needed to provide high quality diabetes care. Paper presented at the North American Primary Care Research Group Annual Meeting, Rio Grande, Puerto Rico.
 26. Yadamsuren, B., Paul, A., Wang, J., **Wang, X.** and Erdelez, S. (2008). Usability of a community college website: Multi-user perspective. Paper presented at the E-learning conference, Tamkang University, Taiwan.

ADMINISTRATION EXPERIENCE

Design, develop, & promote BS-IS Program:

- Served as the Institutional Effectiveness Peer Evaluator, November -February 2024;
- Served as external reviewer for Teaching Professor Promotion of University of Washington 2024;
- Served as the poster judge for the Fort Worth Regional Science and Engineering Fair 2022-2024;
- Attended Texas Library Association annual conference for recruiting students, April 2023;
- Attended 2023 Regeneron ISEF conference for recruiting students, Dallas, Texas, May 2023;
- Filed UNT Institutional Effectiveness report annually;
- Hired an adjunct instructor and trained them to teach BS-IS program courses (Info4745, Info4100 in 2023).
- Promoted BS-IS program through presentations at campus events and outreach activities (e.g., UNT Undergraduate Preview, First Flight, Open-house event in 2022–2024).
- Hired and managed adjunct instructors or teaching fellows to teach BS-IS program courses.

PROFESSIONAL EXPERIENCE

Intern, Reference Service, Ellis Library

08/2009-12/2009

University of Missouri, Columbia, MO

- Facilitated reference librarians' understanding of MU international students and scholars' needs and uses of library resources and services using quantitative and qualitative methods.
- Communicated with appropriate MU librarians about services available to international scholars and their families.

Intern, Cataloging, J. Otto Lottes Health Science Library

05/2009-08/2009

University of Missouri, Columbia, MO

- Created original monographic catalog records, including print and electronic titles, using AACR2, Library of Congress Rule Interpretations, and MARC Bibliographic Formats.
- Assigned both Library of Congress Subject Headings (LCSH) and Medical Subject Headings (MeSH).
- Learned basic utilization of cataloging tools, such as Cataloger's Desktop, MARC Bibliographic Formats and Standards, several different cuttering systems, geographic and language coding, and OCLC authority files.
- Revised descriptive cataloging of bibliographic records downloaded from OCLC Connexion.
- Retrieved bibliographic records from OCLC and imported them into the local Integrated Library System.

Graduate Assistant, Reflector Multimedia Library of College of Education

08/2006 – 12/2006

School of Information Science & Learning Technologies, University of Missouri, Columbia, MO

- Provided technical reference services to both students and faculty for learning and teaching.
- Maintained the laboratory equipment and ensured proper function.
- Offered technical support for using various learning software and hardware.

Full-time Reporter & Editor

10/2005-08/2006

Ming Pao Daily News (New York) Branch (Headquarters is based in HongKong), New York City, NY

- Covered local news events in New York City, with a focus on education and community news, to provide content for the online newspaper.
Researched, interviewed, and verified information to produce and edit accurate news stories for

publication.

- Gathered and reported information from diverse sources, including database searches, to create comprehensive reports on specific events.
- Utilized digital design tools and software to develop professional templates and visually appealing formats for online news publication.
- Served as an editor, selecting, editing, and designing news stories using digital publishing software to create engaging layouts for the online newspaper.

Graduate Assistant, School of Education,
University of Wisconsin –Stevens Point, Stevens Point, WI

09/2001-05/2005

- Assisted professors in research projects on information searching.
- Assisted professors in course preparations.
- Supported the Dean of the School of Education in various office duties.

Intern, Oversea Distribution Center

12/2000-07/2001

- Tsinghua Tongfang Knowledge Network Technology Co., Ltd. (a library database & management system provider) Beijing, China
- Acted as a liaison between library clients and the company, and reported client needs to the company.
- Participated in electronic resource licensing meetings.
- Interpreted during negotiation meetings for electronic resource licensing.
- Participated in revising contracts for electronic resource licensing in both English and Chinese.
- Attended national and international conferences (e.g., those organized by ALA, OCLC) to market products.

INVITED TALK/CONFERENCE PRESENTATIONS

- Wang, X.** (August 2024). Panel Discussion—Information Science Research & Professional Paths. College Day of UNT, Denton, UNT.
- Wang, X.** (2023, March.). Ignite talk—“Data Driven as One of the UX Research Trends”, presented at the First Flight College Day Talk, August 2023
- Wang, X.** (2023, Sept). Explore the Potentials of AI Features in Teaching & Research, College of Information AI Workshop, UNT.
- Wang, X.** (2023, August) UNT-DIS Open House talk to BS-IS program: How “Information Careers” is changing your lives. presented at the UNT Undergraduate Preview event, University of North Texas, Denton, Texas.
- Wang, X.** (2023, August). Status Report & Action Plan on BS-IS Program, presented at the UNT-DIS Faculty Retreat meeting, University of North Texas, Denton, Texas
- Wang, X.** (Sep. 2023). Presented “Explore the potentials of AI Features in Teaching & Research” at the AI Workshop for COI leaders, University of North Texas, Denton, Texas
- Wang, X.** (2022, Aug.). Reading, Understanding, and Participating in Academic Writing. UNT First Flight College Day, University of North Texas, Denton, Texas.
- Wang, X.,** Rennick, B. Wang, J.W., Jim, C. (2022, Oct.) Department of Information Science: BS-IS program Panel Webinar—Career Envelopment for UX Professionals, University of North Texas, Denton, Texas.
- Wang, X.** (2020, Mar.). A Comparison of Health Professionals and Paraprofessionals’ Search Behavior for Supporting Medical Image Archive Clients. UNT-LIS Research Brown Bag Presentation. University of North Texas, Denton.
- Wang, X.** (2019, Oct.). New trends of Being a UX Professional. LISSA Virtual Happy Hour. University of North Texas, Denton.
- Wang, X.** (2019, Feb). Establishing User Experience Laboratory at UNT-COI. UNT-COI Brown Bag Presentation. University of North Texas, Denton.
- Wang, X.** (2018). Applying user experience metrics for optimizing library floor map application. International Conference on Chinese Digital Publishing and Digital Libraries, August 15-20, 2018, Taiyuan China.
- Wang, X.** Chang, H.C., Chen, J. P., & Yang, J. (2017) Using data analytics techniques to understand Chinese content users’ interest and interaction patterns. Paper presented at the International Council on Knowledge Management (ICKM) 2017 conference, Dallas, Texas, October 25-26, 2017.
- Zhang, X.R. & **Wang, X.** (2017). Collaborative innovation and knowledge management. Poster presented at the International Council on Knowledge Management (ICKM) 2017 conference, Dallas, Texas, October 25-26, 2017.
- Wang, X.** (2016). Improving the User Experience Through Usability Testing. LISSA Career Development Day, April 15th, 2016, Denton, 2016.
- Wang, X.** (2015). Examining Medical Image Analyst’s Visual Knowledge Schema through Sorting Activity. Presented at annual conference of Knowledge and Information Professional Association (KIPA). March 6-

7th, Denton, Texas.

Wang, X. (2014). Developing a User-Centric Medical Image Indexing Procedure through Examining Descriptions of Visual Knowledge. Bioengineering Department Seminar, University of Texas at Arlington, Arlington, Texas.

Wang, X. (2014). Understanding Domain Knowledge of Medical Image Analysts for Developing Image Indexing Approach. Doctoral Students Seminar, University of North Texas, Denton, Texas.

Wang, X. (2014). User Experience & Assessment Transforms Library Online Presence. International Conference on Chinese Digital Publishing and Digital Libraries, July 3-7th, 2014, Jinan, China. [Best Presentation Award]

Wang, X., Richardson, B., Basic, J. (2012). Community college students' perceptions on library website features and evaluation criteria. Paper was presented at the American Library & Information Science Education (ALISE), Dallas, Texas, January 17-20, 2012.

Wang, X., Erdelez, S., Allen, C., Anderson, B., Cao, H., Arthur, G., & Shyu, C. (2010). The impact of domain knowledge on medical image descriptions. Paper presented at The International Conference on the Image, Los Angeles, California, December 2-3, 2010.

STUDENT ADVISING

Doctoral Student's Independent Studies:

2024-present

- Mary Suttle,
“Understanding virtual fitting room related technologies to determine brand loyalty based on user perceptions”

Undergraduate Student Internship Supervising:

2024 summer

- Tochi Madubuko—

TAMS Student Research Mentoring

2024 Fall

- Serene Wang (Topic—Bibliometrics Analysis on Generative AI and UX)

Master Student's Independent Studies:

2019 Fall

- Rebecca D'souza: Drupal Implementation Website Implementation with UX Principles

Master's Student Summer Research Project

2018-2019

Anima Bajracharya, Department of Information Sciences, University of North Texas
NetDragon 101 PPT Project

Doctoral Student's Dissertation Committee:

2017

Namgoong Min

Doctoral Student's Independent Studies

2016-2017

Erin Miller: Comparative Analyses of Video Information Retrieval Platforms

Master student's Independent Studies:

2015

Chao Li & Meher Uppaluri: User Experience Research on Library Discovery System

Master's Student Independent Studies:

2014-2017

- Brian Rennick, Department of Library & Information Sciences, University of North Texas. The Redesign Brigham Young University Library Website.
- Molly Shade, Department of Applied Anthropology, University of North Texas. Developing new usability testing methods on mobile device.
- Deborah Caldwell, Department of Library & Information Sciences, University of North Texas. Comparative Analyses of Video Information Retrieval Platforms.

Doctoral Student's Independent Studies:

2013

- Michelle Farabough, Department of Library & Information Sciences, University of North Texas. Analysis of leading technologies applied in the field of dermatology.

Master student's Committee:

2014

- Hollis Crystal: Toulouse Grad School Master's interdisciplinary students. Master's degree e- Portfolio project.

SKILLS & Training

- Generative AI Training: University Forum on Teaching and Learning: Generative AI (2024); University AI Collaboration Symposium, hosted by the Texas Research Alliance (2023)
- Institutional Effectives Plan Training (Nov. 2024)
- Statistical software and skills: MS Excel, SPSS, SAS, R, Amos, Tableau; Regression, ANOVA, Multivariate Analysis, Quantitative Methods, Structural Equation Modeling (SEM).
- Front-end design, develop, design & Evaluation: Photoshop, Dreamweaver, Axure, Figma, InDesign, Visio, Morae (usability testing software), Drupal, Wordpress, WIX, Framer, HTML, CSS, MySQL.
- Usability & User Experience Design techniques: card sorting, prototyping, information horizons,

survey, laboratory usability tests, A/B testing, heuristic walkthrough, wireframes, persona, heuristics evaluation, focus group interview, web analytics, Optimal Sort, Tree testing

- Indexing tools and skills: Cataloger's Desktop, OCLC database, III/Millennium integrated library systems, MARC Bibliographic Formats and Standards, cuttering systems, and OCLC authority files.

PROFESSIONAL AFFILIATIONS

- Member of User Experience Professional Association (UXPA)
- Member of Association of Information Science and Technology (ASIS&T)
- Member of American Library and Information Science Education (ALISE)
- Member of American Medical Informatics Association (AMIA)
- Member of Health Information and Management Society (HIMSS)
- Texas Library Association (TLA)

PROFESSIONAL SERVICES

Department, College, University Service

- Member of "Committee on Committee", UNT-DIS, 2024.
- Search Committee member for the position of "clinical assistant professor" position 2023.
 - Served as Grand Award judge for 2023 Regeneron ISEF conference to determine finalists award
- Committee member of UNT University Undergraduate Curriculum Committee (UUCC) Spring 2023-present.
- Provided recommendation and nominations letters for colleagues and students' application of awards.
- Program Director of bachelor's degree at UNT-IS, 2020 October-present.
- Co-Chair of External Affair & Physical Spaces Committee in 2020.
- Faculty Co-Advisor of LISSA (LIS student organization) from 2015-2019.
- Member of College Committee on Grievance in 2019.
- Member of Search Committee on Data Science Lecturer position in 2019.
- Member of End of Program Committee in 2019.
- Member of Student Affair Committee 2018-2019.
- Member of Curriculum Committee of UNT-DLIS in 2017-2018.
- Invited member for the Teaching Excellence Advisory Group by CLEAR office of UNT, 2017

Professional Society:

- External reviewer for Teaching Faculty Promotion of University of Washington
- Journal paper reviewer, Journal of Gerontology: Medical Science (2023-present)
- Journal paper reviewer, Information Discovery and Delivery, (2021-Present)
- UX Textbook Review —Publisher: Prospect Press, 2021.
- UX Textbook Review—Measuring the user experience, 3rd edition (Publisher: Elsevier), 2021.
- Web-Based Information Science Education (WISE) administrator on behalf of the DLIS of UNT from 2017-2020;
- Iconference paper reviewer, 2017-2019;
- Member of the Organization Committee of the International Council on Knowledge Management (ICKM), 2017;

- TextBook Reviewer, “Observing the User Experience”, Elsevier Book Production, 2017
- Journal Reviewer, *Journal of the American Society for Information Science and Technology*. 2012-present;
- Journal Reviewer, *The Electronic Library*, 2012-2020;
- Journal paper Reviewer, Behavior & Information Technology, 2018—2019;
- Journal paper reviewer, Smart Learning Environments, 2018.
- Juried paper reviewer, American Library and Information Science Education (ALISE), 2015.
- Member, Student Affairs Committee, University of North Texas, 2018-2019.
- Conference paper reviewer, *International Conference on Society and Information Technologies (ICSIT)*, 2009;
- Chair of conference session, *International Conference on the Image*, 2010;
- Chair of conference session, *International Conference on Knowledge Management (ICKM)*, 2013;
- Judge of Poster Session, *Texas Library Association annual conference*, 2014;
- Award Reviewer, Watson Davis Award of Association of Information Science & Technology (ASIS&T), 2015;
- Jury for the Watson Davis Award of ASIS&T 2015-2016;
- Reviewer for *ProQuest Dissertation Award* of ASIST 2016.

[References Will be Provided Upon Request]