

## FACULTY CURRICULUM VITAE

Bo Xie, Ph.D.  
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[School of Nursing](#)  
[School of Information](#)  
[Google Scholar Citations](#)  
[Research Gate](#)  
[LinkedIn](#)

## EDUCATION

Ph.D.	Rensselaer Polytechnic Institute, Troy, NY (Science and Technology Studies)	2006
M.S.	Peking University, Beijing, China (Psychology)	1998
B.Med. Sci.	West China University of Medical Sciences, Chengdu, China (Medicine)	1995

## PROFESSIONAL EXPERIENCE

<u>The University of Texas at Austin, School of Nursing (75%)</u>		
Professor		2018—present
Associate Professor		2012—2018
<u>The University of Texas at Austin, School of Information (25%)</u>		
Professor		2018—present
Associate Professor		2012—2018
<u>The University of Texas at Austin, School of Nursing</u>		
Inaugural Director, Center for Healthcare Innovation and Technology Advancements (CHITA)		2023—present
<u>University of Maryland, College of Information studies</u>		
Assistant Professor		2006—2012

## LEADERSHIP TRAINING

The University of Texas at Austin Executive Management and Leadership Program	Spring 2019
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## HONORS AND AWARDS

ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR) Best Short Paper Award	2023
Dolores V. Sands Chair in Nursing Research Fellow, UT Austin School of Nursing	9/2021-8/2024

My Health Informatics course was elected for observation for the fifth annual Online Teaching Days (formally known as Eyes on Teaching) event organized by Provost's Office, UT Austin	Spring 2021
Association for Information Science and Technology (ASIS&T) SIG USE Innovation Award (Long Paper)	2020
Academic Enrichment Fund Award, UT Austin Graduate School	2019
Innovative Programs Building Partnerships Award, Aging in Texas Conference, organized by the Texas Association of Area Agencies on Aging, Texas Health and Human Services Commission, and the Texas Association of Regional Councils, for my Electronic Health Information for Lifelong Learners (eHiLL) program	2019
Dean's Excellence in Research Award, School of Nursing, UT Austin	2018
Ed and Molly Smith Centennial Fellowship in Nursing, School of Nursing, UT Austin	2017—2021
Fellow, Gerontological Society of America	2016—present
Dean's Excellence in Research Award, School of Nursing, UT Austin	2015
Lee Haig Jamail Fellow in Nursing, School of Nursing, UT Austin	2015—2017
Ed & Molly Smith Centennial Fellow in Nursing, School of Nursing, UT Austin	2012—2015
iConference 2011 Best Paper Award	2011
Selected and funded to participate in the Summer Institute on Aging Research, hosted and funded by the National Institute on Aging, NIH	2007
Invited and funded to participate in the 2006 Lifelong Access Libraries Leadership Institute hosted by the Libraries for the Future and the University of North Carolina, Chapel Hill, NC, funded by the Atlantic Philanthropies	2006
Herman Bouma Award, Foundation for Gerontechnology	2005
Margaret Clark Award graduate student paper competition for the outstanding paper in anthropology and gerontology (Honorable Mention)	2005
Selected and funded to participate in the First Annual Graduate Webshop, funded by the National Science Foundation (IIS-0086143)	2001

**TEACHING GRANTS COMPLETED** (all amounts listed are the **total** amount)

2019-2020 Cultivating inclusive classrooms in the Schools of Nursing and Information. Faculty Innovation Center Instructor Learning Community Grant, UT Austin. \$2,500. My role: Principal Investigator.

### **RESEARCH GRANTS – FUNDED & ACTIVE** (all amounts listed are the **total** amount)

9/30/2022 – 9/29/2024 Tailoring Responses to ADRD Caregivers' Information wants (TRACO) through human-machine collaboration. National Institute on Aging, NIH. (R56 AG075770). My role: Principal Investigator (Contact) with MPI Daqing He in the School of Computing and Information at the University of Pittsburgh. Total: \$561,417.

### **RESEARCH GRANTS COMPLETED**

- 2020 – 2022 Aging and Health Informatics Conference. National Institute on Aging, NIH (1R13AG067668-01). \$49,992. My role: Principal Investigator.
- 2020 – 2022 NSF RAPID: Trust in public health information during a pandemic (NSF Award # 2027426). National Science Foundation. \$194,774. My role: Co-Principal Investigator (PI: K. Fleischmann; Co-PI: M. K. Lee).
- 2019 – 2021 Improving eHealth literacy and cognitive function in older adults with mild cognitive impairment. UT Austin VPR's Research & Creative Grants. \$10,000. My role: Principal Investigator. (Received automatic 1 year no-cost extension due to COVID-19)
- 2019 – 2021 Health consumers' and clinicians' perceptions of healthcare AI: promoting trust, privacy and shared decision making. Healthcare Technology, Communication, and Privacy Seed Grant, UT Austin Humanities Institute and the Center for Health Communication. \$16,944. My role: Co-PI (with PI M. K. Lee and Co-PI J. Ghosh). (Received automatic 1 year no-cost extension due to COVID-19)
- 2019 – 2021 Privacy Preferences and Values for Computer Vision Applications. UT Austin Bridging Barriers Initiative, Good Systems Theme. \$99,966. My role: Co-Principal Investigator (with MPIs D. Gurari and K. Fleischmann). (Requested and approved for 1 year no-cost extension due to COVID-19)
- 2019 – 2021 Promoting Advanced Care Planning with Persons with Dementia and Family Caregivers: A Feasibility Study. St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), School of Nursing, University of Texas at Austin. Pilot Research Grant. \$10,000. My role: Co-Investigator (PI: J. Kwak).
- 2017 – 2021 Developing an eHealth Tutorial for Older Adults to Use Online Health Resources (R21AG052761), National Institute on Aging, NIH. \$425,208. My role: Principal Investigator.
- 2020 Understanding older adults' needs for information, services, and social interaction during COVID-19. UT Austin VPR's Office (with matching funds from the School of Nursing and School of Information). \$14,398. My role: Principal Investigator.

- 2016 – 2020 Boosting Older Adults' Cognition by Training Real-World eHealth Skills (R21AG052060), National Institute on Aging, NIH. \$426,127. My role: Principal Investigator. (Closed out in April 2020)
- 2014 – 2019 Center for Transdisciplinary Collaborative Research in Self-management Science (P30NR015335).NIH/NINR. PI: Kim, M. My role: Co-Director, Innovative Methods & Technology Core.
- 2015 – 2018 Manual and automatic analysis of patients' values and preferences using Seton's Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) surveys. Seton Healthcare Family and the UT Center for Health and Social Policy (CHASP). \$57,500. PI: Fleischmann, K. R. My role: Co-PI.
- 2016 – 2017 Values and Preferences in Dementia Family Caregivers' End-of-Life Decision-Making. Population Health Initiative, UT Austin. \$26,243. My role: Principal Investigator.
- 2015 – 2017 RAPID: Collaborative Research: Ebola-related information obtained by healthcare providers: effects of formal and informal communication channels and organizational structure (NSF#1521089). National Science Foundation. \$200,000. My role: Principal Investigator.
- 2009 – 2016 Community Based Diabetic Care for Korean Americans (STOP-DM). NIH-National Institute for Diabetes, Digestive disease and Kidney (R18 DK08936). PI: Kim, M. My role: Co-Investigator
- 2011 – 2016 Improving older adults' e-health literacy with collaborative computer training (R01AG041284), National Institute on Aging, NIH. R01. \$898,682. My role: Principal Investigator.
- 2015 – 2015 Personally identifiable information and human values in patient portals: a systematic review of older adult-oriented studies. Center for Identity, UT Austin. \$90,455. PI: Fleischmann, K. R. My role: Co-PI.
- 2013 – 2014 Developing an eHealth tutorial for older adults to use online health resources. St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), School of Nursing, University of Texas at Austin. Pilot Research Grant. My role: PI. (Co-Investigator: Tom Yeh, Department of Computer Science, University of Colorado at Boulder). \$25,000.
- 2013 – 2014 If You Build It, Will They Come?: Feasibility of an Internet Intervention for Older Ethnic Minorities. St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), School of Nursing, University of Texas at Austin. Pilot Research Grant. My role: Co-Investigator (PI: Yuri Jang, Social Work, UT Austin). \$25,000.
- 2013 – 2014 Improving low-SES older adults' ability to evaluate the quality of online health information, National Network of Libraries of Medicine, National Library of Medicine, NIH. Outreach Award. \$25,000. My role: Co-PI (PI: Yan Zhang).
- 2011 – 2012 Developing effective H1N1 influenza vaccine risk communication message to improve vaccine uptake among older adults, National Science Foundation ADVANCE Interdisciplinary and Engaged Research Seed Grant Program. \$20,000. Co-PI. (PI: Xialoli Nan)  
Products: 1 peer-reviewed journal article, 1 conference presentation.

- 2011 Bo Xie. Consumer Health Informatics Workshop Award, National Network of Libraries of Medicine, National Library of Medicine, NIH. \$6,000. Principal Investigator.  
Products: organized 1 workshop.
- 2010 Bo Xie. Consumer Health Informatics Workshop Award, National Network of Libraries of Medicine, National Library of Medicine, NIH. \$6,000. Principal Investigator.  
Products: organized 1 workshop.
- 2009 – 2012 Bo Xie. Meeting older adults' health information needs through peer computer training: An innovative public library approach to lifelong learning and volunteering in later life, Institute of Museum and Library Services (IMLS). \$387,541. Principal Investigator.  
Products: 2 peer-reviewed journal articles, 2 conference presentations.
- 2009 – 2010 Bo Xie. Collaborative computer training to improve older adults' e-health literacy: A pilot study, National Network of Libraries of Medicine, National Library of Medicine, NIH. Outreach Award. \$40,000 Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2009 – 2010 Bo Xie. George Washing University Health Information Partners, National Network of Libraries of Medicine, National Library of Medicine, NIH. Outreach Award. \$3,000. Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2007 – 2009 Bo Xie. Improving older adults' e-health literacy: A pilot study (2R24HD4104), Maryland Population Research Center grant; NIH \$15,000. Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2007 – 2009 Bo Xie. Promoting health literacy among older adults: Computer training in public libraries. National Network of Libraries of Medicine, National Library of Medicine, NIH. Outreach Award. \$40,000. Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2007 – 2008 Bo Xie. Training older adult patrons of public libraries to use online health information, Community Partners Program grant; University of Maryland, College Park \$4,600. Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2007 Bo Xie. Training older adult to use online health and medical information: The role of public libraries, General Research Board Faculty Summer Research grant; University of Maryland, College Park. \$8,750. Principal Investigator.  
Products: 1 peer-reviewed journal article, 1 conference presentation.
- 2005 – 2006 Bo Xie. Center for Research and Education on Aging and Technology Enhancement (CREATE; 1P01AG17211), National Institute on Aging, NIH. Student Pilot Research Grant (through CREATE). \$5,000. Principal Investigator.  
Products: 1 conference presentation.
- 2004 – 2006 Growing older in the information age: civic engagement, social relationships, and psychological well-being among older Internet users in China and the United States. National Science Foundation Dissertation Improvement Grant (SES-0431373), \$12,000. My role: Co-Principal Investigator (PI: K. Fortun).

Products: 5 peer reviewed journal articles, 5 conference presentations.

## PUBLICATIONS – Refereed Journal Articles

1. Wang X, Li J, Liang T, Hasan WU, Zaman KT, Du Y, Xie B, Tao C. (in press). Promoting personalized reminiscence among cognitively intact older adults through an AI-driven interactive multimodal photo album. *JMIR Aging*. DOI: 10.2196/49415
2. Shiroma, K., Zimmerman, T., Rich, K., Xie, B., Fleischmann, K.R., Verma, N., & Jia, C. (in press). Older adults' trust and distrust in COVID-19 related public health information. *JMIR Aging*. <http://dx.doi.org/10.2196/42517>
3. Tang, A., Kwak, J., Xiao, L., Xie, B., Lahiri, S., Flynn, O., Murugadass, A. (in press). Online health information wants of caregivers for persons with dementia in social media. *Sage Open*.
4. De Main, A. S., Powers, D. A., Xie, B. & Choi, N. (2023). Longitudinal associations between mental health and social environment in older adults: a multilevel growth modeling. *Aging & Mental Health*. DOI: 10.1080/13607863.2023.2220304.
5. Vazquez, C., Xie, B., Charness, N., Shiroma, K. (2023). Individualistic versus collaborative learning in an eHealth literacy intervention for older adults. *JMIR Aging*. 6:e41809. DOI: 10.2196/41809. PMID: 36757773. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9951071/>
6. Zimmerman, T., Shiroma, K., Fleischmann, K.R., Xie, B., Verma, N., Jia, C., and Lee, M.K. (2023). Misinformation and COVID-19 Vaccine Hesitancy. *Vaccine*. 41(1):136-144. PMID: 36411132 PMCID: PMC9659512 DOI: 10.1016/j.vaccine.2022.11.014. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9659512/>
7. Trainum, K., Tunis, R., Xie B., Hauser, E. (2023). Robots in assisted living facilities: scoping review. *JMIR Aging*. 6:e42652. doi: 10.2196/42652. PMID: 36877560. <https://aging.jmir.org/2023/1/e42652>
8. Kelley, M., Lowe, J., Xie, B., Shiroma, K. (2023). Native American elders' lived experiences during the COVID-19 pandemic. *International Journal for Human Caring*. 27(4): 219-224. DOI: 10.1891/IJHC-2022-0016
9. Verma, N., Fleischmann, K. R., Zhou, L., Xie, B., Lee, M., Rich, K., Shiroma, K., & Jia, C. (2022). Trust in COVID-19 public health information. *Journal of the American Society for Information Science and Technology*. 73(12): 1776-1792. doi.org/10.1002/asi.24712
10. Zou, N., Chi, Y., He, D., Xie, B., Wang, Z. (2022). Together they shall not fade away: Opportunities and challenges of self-tracking for dementia care. *Information Processing & Management*, 59(5). <https://doi.org/10.1016/j.ipm.2022.103024>.
11. De Main, A., Xie, B.; Shiroma, K.; Yeh, T.; Davis, N. W.; Han, X. (2022). Assessing the effects of eHealth tutorials on older adults' eHealth literacy. *Journal of Applied Gerontology*. 41(7):1675-1685. PMID: 35466732; PMCID: PMC9232984. DOI: 10.1177/07334648221088281. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9232984/>
12. Stangl, A., Shiroma, K., Davis, N. W., Xie, B., Fleischmann, K. R., Findlater, L., & Gurari, D. (2022). Privacy concerns for visual assistance technologies. *ACM Transactions on Accessible Computing*. 15(2): 1-43. <https://doi.acm.org?doi=3517384>

13. Riley, C., Xie, B., & Khurshid, A. (2021). Challenges encountered in comparing international policy responses to COVID-19 and their effects. *Health Research Policy and Systems*, 19, article number 134. <https://doi.org/10.1186/s12961-021-00783-1>. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8556812/>
14. Xie, B., Shiroma, K., De Main, A. S., Davis, N. W., Fingerman, K., Danesh, V. (2021). Living through the COVID-19 pandemic: community-dwelling older adults' experiences. *Journal of Aging & Social Policy*. 33(4-5):380-397. doi: 10.1080/08959420.2021.1962174. PubMed: <https://pubmed.ncbi.nlm.nih.gov/34365910/>
15. Seifert, A., Cotten, S. R., & Xie, B. (2021). A double burden of exclusion? Digital and social exclusion of older adults in times of COVID-19. *Journals of Gerontology: Series B, Psychological Sciences and Social Sciences*, 76(3), e99–e103. <https://doi.org/10.1093/geronb/gbaa098>; PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7454901/>
16. Li, J., Maharjan, B., Xie, B., & Tao, C. (2020). A personalized voice-based diet assistant for caregivers of Alzheimer's disease and related dementias. *Journal of Medical Internet Research*. 22(9). doi:10.2196/19897. <http://dx.doi.org/10.2196/19897>; PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7536606/>
17. Xie, B., Tao, C., Li, J., Hilsabeck, R., Aguirre, A. (2020). Artificial intelligence for caregivers of persons with Alzheimer's disease and related dementias: systematic literature review. *JMIR Medical Informatics*. 8(8). <https://medinform.jmir.org/2020/8/e18189/>; PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7471889/>
18. Xie, B., Charness, N., Fingerman, K., Kaye, J., Kim, M., & Khurshid, A. (2020). When going digital becomes a necessity: ensuring older adults' needs for information, services, and social inclusion during COVID-19. *Journal of Aging & Social Policy*. 32(4-5): 460-470. <https://doi.org/10.1080/08959420.2020.1771237>. PMID: 32507061. PMCID: PMC8855980
19. Radhakrishnan, K., Kim, M., Burgermaster, M., Brown, R., Xie, B., Bray, M., & Fournier, F. (2020). The potential of digital phenotyping to advance the contributions of mHealth to self-management science. *Nursing Outlook*. 68(5):548-559. Available online 8 May 2020. <https://doi.org/10.1016/j.outlook.2020.03.007>. PMID: 32402392
20. Wang, Y., Min, J., Khuri, J., Xue, H., Xie, B., Kaminsky, L. A., & Cheskin, L. (2020). Effectiveness of mobile health interventions on diabetes and obesity treatment and management: systematic review of systematic reviews. *JMIR mHealth and uHealth (JMU)*. 8(4). <https://mhealth.jmir.org/2020/4/e15400/>. PMID: 32343253. PMCID: 7218595.
21. Kim, M. T., Kim, K. B., Ko, J. S., Murry, N., Xie, B. Radhakrishnan, K. & Han, H.R. (2020). Health literacy and outcomes of a community-based self-help intervention: a case of Korean Americans with Type 2 diabetes. *Nursing Research*. 69(3), 210-218. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7266039/>
22. Xie, B., Zhou, L., Yoder, L., Johnson, K., Garcia, A., Kim, M. (2020). Ebola-related health information wanted and obtained by hospital and public health department employees: effects of formal and informal communication channels. *Disaster Medicine and Public Health Preparedness*. 14(3): 312-321. doi: 10.1017/dmp.2019.45. PubMed: <https://pubmed.ncbi.nlm.nih.gov/31359854/>

23. Kwak, J., Xie, B., Champion, J. D., & Fleischmann, K. R. (2019). Rural dementia caregivers in Southwest Texas: an exploratory study of advance directives and end-of-life proxy decision making. *Journal of Gerontological Nursing*. 45(9):11-17. doi: 10.3928/00989134-20190530-01. PubMed: <https://pubmed.ncbi.nlm.nih.gov/31211401/>
24. Zhan, Y., Kim, S. K., Zhou, L., Xie, B., Li, Y., Wen, B., & Nie, L. (2019). Patient violence and health professionals' occupational outcomes in China: A time-lagged survey study. *International Journal of Nursing Studies*. 94(June), 120-130. PubMed: <https://pubmed.ncbi.nlm.nih.gov/30951987/>
25. Xie, B., Champion, J. D., Kwak, J., & Fleischmann, K. R. (2018). Mobile health, information preferences, and surrogate decision-making preferences of family caregivers of persons with dementia in rural Hispanic communities: a pilot study. *Journal of Medical Internet Research*. 20(12): e11682. URL: <https://www.jmir.org/2018/12/e11682>; PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6305885/>
26. Walker, L. O., Sterling, B. S., Becker, H., Hendrickson, S., & Xie, B. (2018). Development and evaluation of a mother-centered toolkit for postpartum behavioral and psychosocial health. *Journal of Behavioral Medicine*, 41(5), 591-599. DOI: 10.1007/s10865-018-9928-5. PubMed: <https://pubmed.ncbi.nlm.nih.gov/29721812/>
27. Xie, B., Berkley, A., Kwak, J., Fleischmann, K. R., Champion, J. D., & Koltai, K. (2018). End-of-life decision making by family caregivers of persons with advanced dementia: a systematic review. *Sage Open Medicine*, 6: 1-9. URL: <http://journals.sagepub.com/doi/full/10.1177/2050312118777517>; PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5966844/>
28. Xie, B., Su, Z., Zhang, W., & Cai, R. (2017). Chinese cardiovascular disease mobile apps' information types, information quality, and interactive functions for self-management: systematic review. *JMIR mHealth and uHealth*, 5(12):e195. URL: <http://mhealth.jmir.org/2017/12/e195>. DOI: 10.2196/mhealth.8549. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5746618/>
29. Xie, B., Su, Z., Liu, Y., Wang, M., & Zhang, M. (2017). Health information sources for different types of information used by Chinese patients with cancer and their family caregivers. *Health Expectations*. 20(4): 665-674. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5513017/>
30. Kim, H. & Xie, B. (2017). Health literacy in the eHealth era: A systematic review of the literature. *Patient Education and Counseling*. 100(6):1073-1082. PubMed: <https://pubmed.ncbi.nlm.nih.gov/28174067/>
31. Walker, L. O., Murphey, C. L., & Xie, B. (2016). Missed opportunities for postpartum behavioral and psychosocial healthcare and acceptability of screening options. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 45, 614-624. PubMed: <https://pubmed.ncbi.nlm.nih.gov/27470179/>
32. Walker, L. O., Xie, B., Hendrickson, S., & Sterling, B. S. (2016). Behavioral and psychosocial health of new mothers and associations with contextual factors and perceived health. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*. 45(1): 3-16. PubMed: <https://pubmed.ncbi.nlm.nih.gov/26815794/>
33. Lazard, A., Watkins, I., Mackert, M., Xie, B., Stephens, K. K., & Shalev, H. (2016). Design simplicity influences patient portal use: role of aesthetic evaluations for technology acceptance. *Journal of the American Medical Informatics Association*.



- 23(e1):e157-61. PubMed Central:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4954622/>
34. Nie, L., Xie, B., Yang, Y., & Shan, Y. (2016). Characteristics of Chinese mHealth applications for diabetes self-management. *Telemedicine and e-Health*. 22(7): 614-619. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5824655/>
35. Yoon, H., Jang, Y., & Xie, B. (2016). Computer use and computer anxiety in older Korean Americans. *Journal of Applied Gerontology*. 35(9): 1000-1010.  
<https://journals.sagepub.com/doi/10.1177/0733464815570665>
36. Radhakrishnan, K., Xie, B., Jacelon, C. (2016). Unsustainable telehealth program: a Texas qualitative study. *The Gerontologist*. 56(5): 830-840. PubMed:  
<https://pubmed.ncbi.nlm.nih.gov/26035878/>
37. Walker, L. O., Gao, J., & Xie, B. (2015). Postpartum psychosocial and behavioral health: a systematic review of self-administered scales validated for postpartum women in the United States. *Women's Health Issues*. 25(5):586-600. PubMed:  
<https://pubmed.ncbi.nlm.nih.gov/26169216/>
38. Radhakrishnan, K., Xie, B., Kim, M., Berkley, A. (2015). Barriers and facilitators for sustainability of tele-homecare programs: a systematic review. *Health Services Research*. 51(1): 48-75. PubMed Central:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4722198/>
39. Zhang, Y., Sun, Y., Xie, B. (2015). Quality of health information for consumers on the Web: a comprehensive review of indicators, criteria, tools, and evaluation results. *Journal of the Association for Information Science and Technology*. 66(10): 2071-2084. <https://asistdl.onlinelibrary.wiley.com/doi/abs/10.1002/asi.23311>
40. Watkins, I., & Xie, B. (2015). Older adults' perceptions of using iPads for improving fruit and vegetable intake: implications for using touchscreen tablets for eHealth interventions. *Care Management Journals*. 16(1): 2-13. PubMed:  
<https://pubmed.ncbi.nlm.nih.gov/25918772/>
41. Xie, B., Su, Z., Liu, Y., Wang, M., & Zhang, M. (2015). Health information wanted and obtained from doctors/nurses: a comparison of Chinese cancer patients and family caregivers. *Supportive Care in Cancer*. 23(10): 2873-2880. DOI: 10.1007/s00520-015-2651-7. PubMed: <https://pubmed.ncbi.nlm.nih.gov/25855039/>
42. Watkins, I. & Xie, B. (2014). eHealth literacy interventions for older adults: A systematic review of the literature. *Journal of Medical Internet Research*. 16(11):e225. PubMed Central:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4260003/>
43. Watkins, I., Kules, B., Yuan, X., & Xie, B. (2014). Heuristics evaluation of healthy eating apps for older adults. *Journal of Consumer Health on the Internet*. 18(2): 105-127. <https://www.tandfonline.com/doi/abs/10.1080/15398285.2014.902267>
44. Xie, B., Wang, M., Feldman, R., & Zhou L. (2014). Exploring older and younger adults' preferences for health information and participation in decision-making using the Health Information Wants Questionnaire (HIWQ). *Health Expectations*. 17(6):795-808. PubMed Central:  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5060927/>
45. Watkins, I., & Xie, B. (2013). The effects of jigsaw- and constructive controversy-based learning strategies on older adults' eHealth literacy. *Gerontechnology*, 12(1), 44-54. <https://journal.gerontechnology.org/archives/1957-2128-1-PB.pdf>
46. Nellsch, E. R., Walker, L. O., Xie, B., & Vaughan, M. W. (2013). What new mothers' favorite websites and features tell us about designing Web-based health promotion:

- a content analysis. *Telemedicine and e-Health*. 19(11): 875-878. PubMed: <https://pubmed.ncbi.nlm.nih.gov/24053113/>
47. Xie, B., Wang, M., Feldman, R., & Zhou, L. (2013). Internet use frequency and patient-centered care: Measuring patient preferences for participation using the Health Information Wants Questionnaire. *Journal of Medical Internet Research*. 15: e132. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3714005/>
  48. Nan, X., Xie, B., & Madden, K. (2012). Acceptability of the H1N1 vaccine among older adults: the interplay of message framing and perceived vaccine safety and efficacy. *Health Communication*, 27, 559-568. PubMed: <https://pubmed.ncbi.nlm.nih.gov/22092270/>
  49. Chen, Y., Wen, J., & Xie, B. (2012). "I communicate with my children in the game": mediated intergenerational family relationships through a social networking game. *Journal of Community Informatics*, 8.
  50. Xie, B., Watkins, I., Golbeck, J., & Huang, M. (2012). Understanding and changing older adults' perceptions and learning of social media. *Educational Gerontology*, 38, 282-296. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3358790/>
  51. Xie, B. (2012). Improving older adults' e-health literacy through computer training using NIH online resources. *Library & Information Science Research*, 34, 63-74. PubMed Central: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3358785/>
  52. Xie, B., Druin, A., Fails, J., Massey, S., Golub, E., Franckel, S., & Schneider, K. (2012). Connecting generations: developing co-design methods for older adults and children. *Behaviour & Information Technology*, 31, 413-423.
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105. Xu, H., Xie, B., & Change, C.-H. (in press). Empowering the care of older adults through the use of technology. *Work, Aging and Retirement*. [Editorial for our second of the 2 special issues in this journal]
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107. Stephens, K. K., Jahn, J., Fox, S., Charoensap-Kelly, P., Mitra, R., Sutton, J., Waters, E. D., Xie, B., & Meisenbach, R. J. (2020). Collective sensemaking around COVID-19: experiences, concerns, and agendas for our rapidly changing organizational lives. *Management Communication Quarterly*. 34(3): 426-457. <https://journals.sagepub.com/doi/epub/10.1177/0893318920934890>
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115. Xie, B. (2008). Older adults, health information, and the Internet. *ACM Interactions*, 15, 44-46. Full text: <https://interactions.acm.org/archive/view/july-august-2008/lifelong-interactionsolder-adults-health-information-and-the-internet1>

### **Conferences Organized:**

- Xie, B. (2019). Conference Chair/Organizer. [Aging and Health Informatics Conference \(AHIC\)](#). Austin, Texas. December 11, 2019.
- Xie, B. (2021). Conference Chair/Organizer. [Aging and Health Informatics Conference](#)

[\(AHIC\)](#). Online. December 6-7, 2021.

**Editorships:**

1. *Gerontechnology*, the official journal of the International Society for Gerontechnology (ISG), Associate Editor, 2011-present
2. *Health Expectations*, Editorial Board Member, 2017-present
3. *Journal of Medical Internet Research*, Editorial Board Member, 2017-present
4. *JMIR Aging*, Editorial Board Member, 2019-present
5. *Informatics for Health and Social Care*, Editorial Board Member, 2021-present
6. *International Journal of Medical Informatics*, Editorial Board Member, 2021-present
7. *Work, Aging and Retirement* [Special Issue on Aging and Technology Use](#), Guest Co-editor, 2021
8. *Information Processing and Management*, Co-Guest Editor, [Special Issue on Intelligent Technology for Smart Healthcare Across the Lifespan](#), 2021-2022

**Hobbies:** Science fiction writing (《小龙和孟姐的故事》 [Cover](#); [Full text](#));

Astrophotography: [Night Sky in Texas: 2020-2023](#).

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