

FACULTY CURRICULUM VITAE

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School of Nursing:
<http://nursing.utexas.edu/faculty/profiles/xieb/>

School of Information:
<https://www.ischool.utexas.edu/~boxie/index.html>

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Call for Papers: Special Issue on Aging and Technology Use in the Era of Digitization and Automation

Initial manuscript proposals (1,000 words maximum) due by May 31, 2021.

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

The University of Texas at Austin, School of Nursing (75%) and School of Information (25%)

Professor: 9/1/2018 - present
 Associate Professor: 2012 - 2018

University of Maryland, College of Information studies
 Assistant Professor: 2006 - 2012

LEADERSHIP TRAINING

The University of Texas at Austin
 Executive Management and Leadership Program, Spring 2019

HONORS AND AWARDS

Association for Information Science and Technology (ASIS&T) 2020
 SIG USE Innovation Award (Long Paper)

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 - FUNDED & ACTIVE (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)

Principal Investigator:

2020 – 2021 Aging and Health Informatics Conference. National Institute on Aging, NIH (1R13AG067668-01). \$49,992. My role: Principal Investigator.

- 2020 – 2021 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).
- 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.
- 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. (Under no-cost extension)

RESEARCH GRANTS COMPLETED

- 2016 - 2019: Boosting Older Adults' Cognition by Training Real-World eHealth Skills (R21AG052060), National Institute on Aging, NIH. \$426,127. My role: Principal Investigator.
- 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 - 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 - 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 - 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. Seifert, A., Cotten, S. R., & Xie, B. (2020). A double burden of exclusion? Digital and social exclusion of older adults in times of COVID-19. *Journal of Gerontology: Social Sciences*. Published online on May 13, 2020. <https://doi.org/10.1080/01634372.2020.1764687>

2. 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>
3. 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/>
4. 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>
5. 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*. Available online 8 May 2020. <https://doi.org/10.1016/j.outlook.2020.03.007>
6. 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/>
7. 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.
8. Kwak, J., Xie, B., Champion, J. D., & Fleischmann, K. R. (2019). An exploratory study with rural dementia caregivers in Southwest Texas: advance directives and end-of-life proxy decision-making. *Journal of Gerontological Nursing*. 45(9):11-17. doi: 10.3928/00989134-20190530-01.
9. Yujie Zhan, Su Kyung Kim, Le Zhou, Bo Xie, Yuntao Li, Bei Wen, Lisa Nie. (2019). Patient violence and health professionals' occupational outcomes in China: A time-lagged survey study. *International Journal of Nursing Studies*. 94(June), 120-130.
10. Xie, B., Zhou, L., Yoder, L., Johnson, K., Garcia, A., Kim, M. (2019). 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*. 2019 Jul 30:1-10. doi: 10.1017/dmp.2019.45. [Epub ahead of print]
11. 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>
12. 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.
13. 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>
14. 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. [2017 Impact Factor: 4.636]
 15. 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.
 16. 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.
 17. 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.
 18. 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.
 19. 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.
 20. 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.
 21. Yoon, H., Jang, Y., & Xie, B. (2016). Computer use and computer anxiety in older Korean Americans. *Journal of Applied Gerontology*. 35(9): 1000-1010.
 22. Radhakrishnan, K., Xie, B., Jacelon, C. (2016). Unsustainable telehealth program: a Texas qualitative study. *The Gerontologist*. 56(5): 830-840.
 23. 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.
 24. 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.
 25. 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.
 26. 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.
 27. 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

28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. Xie, B. (2012). Improving older adults' e-health literacy through computer training using NIH online resources. *Library & Information Science Research*, 34, 63-74.
38. 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.
39. Xie, B. (2011). Effects of an e-health literacy intervention for older adults. *Journal of Medical Internet Research*, 13:e90.
40. Xie, B. (2011). Experimenting on the impact of learning methods and information presentation channels on older adults' e-health literacy. *Journal of the American Society for Information Science and Technology (JASIST)*, 62, 1797-1807.
41. Xie, B. (2011). Older adults, e-health literacy, and collaborative learning: An experimental study. *Journal of the American Society for Information Science and Technology (JASIST)*, 62, 933-946.
42. Xie, B. (2009). Older adults' health information wants in the Internet age: Implications for patient-provider relationships. *Journal of Health Communication*, 14, 510-524.
43. Xie, B., & Bugg, J. M. (2009). Public library computer training for older adults to access high-quality Internet health information. *Library & Information Science Research*, 31, 155-162.

44. Alpay, L., Verhoef, J., Xie, B., Te'eni, D., & Zwetsloot-Schonk, J. H. M. (2009). Current challenge in consumer health informatics: Bridging the gap between access to information and information understanding. *Biomedical Informatics Insights*, 2, 1-10.
45. Piper, D., Palmer, S., & Xie, B. (2009). Services to older adults: Preliminary findings from three Maryland public libraries. *Journal of Education for Library and Information Science*, 50, 107-118.
46. Druin, A., Jaeger, P. T., Fleischmann, K. R., Golbeck, J., Lin, J., Qu, Y., Wang, P., & Xie, B. (2009). The Maryland Modular Method: An approach to doctoral education in information studies. *Journal of Education for Library and Information Science*, 50, 293-301.
47. Jaeger, P. T., & Xie, B. (2009). Developing online community accessibility guidelines for persons with disabilities and older adults. *Journal of Disability Policy Studies*, 20, 55-63.
48. Kazmer, M. M., & Xie, B. (2008). Qualitative interviewing in Internet studies: Playing with the media, playing with the method. *Information, Communication and Society*, 11, 115-136.
49. Xie, B., & Jaeger, P. T. (2008). Older adults and political participation on the Internet: A cross-cultural comparison of the United States and China. *Journal of Cross-Cultural Gerontology*, 23, 1-15.
50. Xie, B., & Jaeger, P. T. (2008). Computer training programs for older adults at the public library. *Public Libraries*, 47, 42-49.
51. Xie, B. (2008). Multimodal computer-mediated communication and social support among older Chinese. *Journal of Computer-Mediated Communication*, 13, 728-750.
52. Xie, B. (2008). The mutual shaping of online and offline social relationships. *Information Research*, 13.
53. Xie, B. (2008). Civic engagement among older Chinese Internet users. *Journal of Applied Gerontology*, 27, 424-445.
54. Xie, B. (2007). Using the Internet for offline relationship formation. *Social Science Computer Review*, 25, 396-404.
55. Xie, B. (2007). Information technology education for older adults as a continuing peer-learning process: A Chinese case study. *Educational Gerontology*, 33, 429-450.
56. Xie, B. (2007). Older Chinese, the Internet, and well-being. *Care Management Journals: Journal of Long Term Home Health Care*, 8, 33-38.
57. Xie, B. (2006). Perceptions of computer learning among older Americans and older Chinese. *First Monday*, 11.
58. Xie, B. (2003). Older adults, computers, and the Internet: Future directions. *Gerontechnology*, 2(4), 289-305.
59. Xie, B., & Qian, M. (2000). Phenomenological differences between shame and guilt among Chinese college students. *Chinese Journal of Psychology*, 32(1), 105-109.

PUBLICATIONS - Refereed Proceedings (published in archival proceedings)

60. Wang, Z., Zou, N., Xie, B., He, D., Luo, Z., Hilsabeck, R. C., & Aguirre, A. (2021). Characterizing dementia caregivers' information exchange on social media: exploring an expert-machine co-development. In *Proceedings of the*

- 2021 *iConference* (to be published in Springer's *Lecture Notes in Computer Science*). March 17-21, 2021, Beijing, China (changed to online due to COVID-19). 21 pages.
61. Verma, N., Shiroma, K., Rich, K., Fleischmann, K. R., Xie, B., & Lee, M. K. (2021). Conducting quantitative research with hard-to-reach-online populations: using prime panels to rapidly survey older adults during a pandemic. In *Proceedings of the 2021 iConference* (to be published in Springer's *Lecture Notes in Computer Science*). March 17-21, 2021, Beijing, China (changed to online due to COVID-19). 11 pages.
 62. Li, J., Hendawi, R., Pandey, V., Alenezi, R., Wang, X., Xie, B., & Tao, C. (2020). Development and evaluation of ADCareOnto—an ontology for personalized home care for persons with Alzheimer's disease. The *9th IEEE International Conference on E-health Networking, Application & Services (IEEE HealthCom 2020)*. 6 pages. December 12-15, 2020, Shenzhen, China (changed to hybrid conference due to COVID-19).
 63. Stangl, A., Shiroma, K., Xie, B., Fleischmann, K., & Gurari, D. (2020). Visual content considered private by people who are blind. In *Proceedings of the ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*. October 26–28, 2020, Athens, Greece (changed to virtual meeting due to COVID-19). ACM, New York, NY, USA, 19 pages. <https://doi.org/10.1145/1122445.1122456>
 64. Davis, N., Gurari, D., & Xie, B. (2020). Quality of images showing medication packaging from individuals with vision impairments: implications for the design of visual assistance technology. In *Proceedings of the 83rd Annual Meeting of the American Society for Information Science and Technology (ASIST)*. October 23-28, 2020, Pittsburg, Pennsylvania (changed to virtual meeting due to COVID-19). 10 pages. [This paper was selected for the Association for Information Science and Technology (ASIS&T) SIG USE Innovation Award.]
 65. Fleischmann, K. R., Xie, B., Champion, J. D., Kwak, J., & Koltai, K. (2018). Human values and end-of-life decision making: results from a pilot study of dementia caregivers. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 9-14, 2018. Vancouver, Canada. 2 pages.
 66. Shovkun, M., Fleischmann, K. R., & Xie, B. (2018). Computational social science using topic modeling: analyzing patients' values using a large hospital survey. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 9-14, 2018. Vancouver, Canada. 2 pages.
 67. Simons, R. N., Fleischmann, K. R., Zhang, Y., Gao, J., & Xie, B. (2017). Patient portals and human values. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. October 27-November 1, 2017. Crystal City, VA. 10 pages.
 68. Fleischmann, K. R., Zhang, Y., & Xie, B. (2015). Human values and personal health records. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. 4 pages.
 69. Zhang, Y., Fleischmann, K. R., Gao, J., & Xie, B. (2015). A systematic review

- of the literature on consumers' use of patient portals: preliminary results. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. 4 pages.
70. Kim, H. & Xie, B. (2015). Health literacy and Internet- and mobile app-based health services: a systematic review of the literature. In *Proceedings of the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. 4 pages.
71. Xie, B., Yeh, T., Walsh, G., Watkins, I., & Huang, M. (2012). Co-designing an e-health tutorial for older adults. In *Proceedings of iConference 2012*, pp. 240-247, February 7-10, 2012, Toronto. doi:10.1145/2132176.2132207. 8 pages.
72. Huang, M., Hansen, D., & Xie, B. (2012). Older adults' online health information seeking behavior. In *Proceedings of iConference 2012*, pp. 338-345, February 7-10, 2012, Toronto. doi:10.1145/2132176.2132220. 8 pages.
73. Kules, B. & Xie, B. (2011). Older adults searching for health information in MedlinePlus - an exploratory study of faceted online search interfaces. In *Proceedings of the 74th Annual Meeting of the American Society for Information Science and Technology (ASIST)*. New Orleans, LA. October 9-13, 2011. doi: 10.1002/meet.2011.14504801137. 10 pages.
74. Xie, B., Yeh, T., Walsh, G., Watkins, I., & Huang, M. (2011). Co-designing contextual tutorials for older adults on searching health information on the Internet. In *Proceedings of the 74th Annual Meeting of the American Society for Information Science and Technology (ASIST)*. New Orleans, LA. October 9-13, 2011. doi: 10.1002/meet.2011.14504801160. 4 pages.
75. Yeh, T., Chang, T., Xie, B., Walsh, G., Wongsuphasawat, K., Watkins, I., Huang, M., Davis, L., and Bederson, B. (2011). Creating contextual help for GUIs using screenshots. In *Proceedings of the 24th ACM Symposium on User Interface Software and Technology (UIST)*. Santa Barbara, CA. October 16-19, 2011. 10 pages.
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- November 11-12, 2010. doi:10.1145/1882992.1883090. 10 pages.
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81. Xie, B. & Pearson, G. (2010). Usability testing by older Americans of a prototype Google map Web site to select nursing homes. In *Proceedings of the 43rd Hawaii International Conference on System Sciences*. Kauai, HI. January 5-8, 2010. (10 pages; full text available at: <http://csdl.computer.org/dl/proceedings/hicss/2010/3869/00/06-03-05.pdf>)
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PUBLICATIONS - Book Chapters

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84. Chen, Y., Wen, J., & Xie, B. (2013). The role of social networking games in maintaining intergenerational communications for older adults. In J. Field, R. Burke, & C.L. Cooper (Eds.), *The SAGE Handbook of Aging, Work & Society*. Thousand Oaks, CA: Sage Publications; pp. 401-415. ISBN: 978-1-44620-782-6.
85. Xie, B., Huang, M., & Watkins, I. (2012). Technology and retirement life: A systematic review of the literature on older adults and social media. In M. Wang (Ed.), *The Oxford Handbook of Retirement*, pp. 493-509.
86. Xie, B. (2010). Perceiving an Internet community as a *Utopia*: Beliefs, norms, and resistance among Older Chinese. In P. Zaphiris & C.S. Ang (Eds.), *Social Computing and Virtual Communities*.
87. Xie, B. (2005). Getting older adults online: The experiences of SeniorNet (USA) and OldKids (China). In B. Jaeger (Ed.), *Young Technologies in Old Hands - An International View on Senior Citizen's Utilization of ICT*
88. Caporeal, L., & Xie, B. (2002). Breaking time and place: Mobile technologies and reconstituted identities. In J.E. Katz (Ed.), *Machines That Become Us: The Social Context of Personal Communication Technology*.

OTHER PUBLICATIONS

89. 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>
90. Xie, B., He, D., Mercer, T., Wang, Y., Wu, D., Fleischmann, K. R., Zhang, Y., Yoder, L. H., Stephens, K. K., Mackert, M., Lee, M. K. (2020). Global health crises are also information crises: a call to action. *Journal of the Association for Information Science and Technology (JASIST)*. Early view published

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RESEARCH PRESENTATIONS

Presentations at International/National Conference (Referred):

- Xie, B., Tao, C., Li, J., Hilsabeck, R., Aguirre, A. (2020). Artificial intelligence (AI) for ADRD caregivers: a systematic literature review. To be presented at the *Gerontological Society of America's Annual Scientific Meeting*. Philadelphia, PA. November 4–7, 2020 (changed to virtual meeting due to COVID-19).
- He, D., Wang, Z, Xie, B., Zou, N., Luo, Z., Hilsabeck, R., & Aguirre, A. (2020). Detecting ADRD caregivers' information wants in social media: a machine learning-aided approach. To be presented at the *Gerontological Society of America's Annual Scientific Meeting*. Philadelphia, PA. November 4–7, 2020 (changed to virtual meeting due to COVID-19).
- Sagna, A. & Xie, B. (2020). Social environment and mental and behavioral health outcomes in older adults: a critical review. To be presented at the *Gerontological Society of America's Annual Scientific Meeting*. Philadelphia, PA. November 4–7, 2020 (changed to virtual meeting due to COVID-19).
- De Main, A. S. & Xie, B. (2020). Mobile apps for suicidal ideation and behaviors. Presented at the Canadian Academy of Geriatric Psychiatry Annual Conference. October 16-17. Virtual.

- Sagna, A. & Xie, B. (2020). Mobile apps for suicidal ideation and behaviors. Presented at the *Society of Behavioral Medicine Annual Conference*. San Francisco, CA (changed to virtual meeting due to COVID-19). April 1-4, 2020.
- Shiroma, K., Davis, N., & Xie, B. (2019). End-of-life information preferences of Asian ethnic minority older adults: a systematic review of the literature. To be presented at the *Gerontological Society of America's Annual Scientific Meeting*. Austin, Texas. November 13-17.
- Davis, N., Shiroma, K., Sagna, A., & Xie, B. (2019). Democratizing design with aging adults: libraries and senior centers as playful public spaces? To be presented at the *Annual Meeting of the Society for Social Studies of Science (4S)*. New Orleans, Louisiana, September 4-7, 2019.
- Fleischmann, K. R., Xie, B., Champion, J. D., Kwak, J., & Koltai, K. (2018). Human values and end-of-life decision making: results from a pilot study of dementia caregivers. To be presented at *the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 9-14, 2018. Vancouver, Canada.
- Shovkun, M., Fleischmann, K. R., & Xie, B. (2018). Computational social science using topic modeling: analyzing patients' values using a large hospital survey. Presented *the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 9-14, 2018. Vancouver, Canada.
- Xie, B., Champion, J. D., Kwak, J. & Fleischmann, K. R. (2018). Values, preferences, and mHealth in the decision making of rural caregivers of persons with dementia. Presented at the *Gerontological Society of America's 70th Annual Scientific Meeting*, Boston, Massachusetts, November 14-18, 2018.
- Su, Z. & Xie, B. (2018). Effective components of health literacy interventions for older adults: a systematic review. Presented at the *Gerontological Society of America's 70th Annual Scientific Meeting*, Boston, Massachusetts, November 14-18, 2018.
- Nie, R., Xie, B., Yang, Y., & Brown, S. (2018). Preferences for health information and decision-making autonomy among Chinese patients with T2DM in the mHealth era. Presented at the *American Diabetes Association's 78th Scientific Sessions*, Orlando, Florida. June 22-26, 2018.
- Su, Z. & Xie, B. (2018), Factors influencing female Chinese cancer patients' health information preferences and behaviors. Presented at *Women's Health 2018: Translating Research into Clinical Practice*, Washington, D.C. May 4-6, 2018.
- Simons, R. N., Fleischmann, K. R., Zhang, Y., Gao, J., & Xie, B. (2017). Patient portals and human values. Presented at *the 80th Annual Meeting of the American Society for Information Science and Technology (ASIST)*. Crystal City, VA. October 27- November 1, 2017.
- Zhan, Y., Kim, S. K., Zhou, L., Xie, B., Wen, B., Li, Y., & Nie, L. (2017). Mistreatment from patients and healthcare providers' occupational outcomes. Presented at the *77th Academy of Management Annual Meeting*, Atlanta, GA, August 4-8, 2017.
- Walker, L. O., Becker, H., Xie, B., Sterling, B., & Hendrickson, S. (2017). Behavioral & psychosocial screening & decision aids for mothers of young children: design & lessons learned. Presented at the *38th Annual Meeting of the Society of Behavioral Medicine*, San Diego, CA, March 29-April 1, 2017.
- Xie, B., Su, Z., Liu, Y., Wang, M., & Zhang, M. (2016). Chinese cancer patients' and family caregivers' health information sources. Presented at the *Gerontological*

- Society of America's 69th Annual Scientific Meeting*, New Orleans, LA, November 16-20, 2016.
- Xie, B., Zhou, L., Yoder, L., Johnson, K., Garcia, A., Kim, M., & Gao, J. (2016). Ebola-related information obtained by older versus younger health professionals. Presented at the *Gerontological Society of America's 69th Annual Scientific Meeting*, New Orleans, LA, November 16-20, 2016.
- Watkins, I., & Xie, B. (2016). Developing a framework to assess tailoring in mobile apps for self-managing chronic conditions. Presented at the *Gerontological Society of America's 69th Annual Scientific Meeting*, New Orleans, Louisiana, November 16-20, 2016.
- Nie, L., Xie, B., and Yang, Y. (2016). Chinese Diabetics' Preferences for Information and Decision-making and mHealth: A Pilot Study. Presented at the *Gerontological Society of America's 69th Annual Scientific Meeting*, New Orleans, Louisiana, November 16-20, 2016.
- Walker, L. O., Murphey, C., & Xie, B. (2016). Postpartum Behavioral and Psychosocial Healthcare: Missed Opportunities and Acceptability of Screening. Poster presented at the *Annual Meeting of the Society of Behavioral Medicine*, Washington, DC, March 31, 2016.
- Zamora, H., Acton, G., & Xie, B. (2016). Older adults' health information wants before and after surgery: development of qualitative interview guides. Presented at the *Southern Nursing Research Society Annual Conference*, Williamsburg, VA, February 24-27, 2016.
- Xie, B., Zhou, L., Yoder, L., Johnson, K., Kim, M., & Garcia, A. (2015). Ebola-related information wanted and obtained by healthcare providers. Presented at the *Annual Meeting of the Society for Risk Analysis*, Arlington, VA. December 6-10, 2015.
- Xie, B., Watkins, I., & Gao, J. (2015). Improving older adults' eHealth literacy: preliminary analyses of the eHiLL full dataset. Presented at the *Gerontological Society of America's 68th Annual Scientific Meeting*, Orlando, Florida, November 18-22, 2015.
- Fleischmann, K. R., Zhang, Y., & Xie, B. (2015). Human values and personal health records. Presented at *the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. [Also listed under Publications - Referred Proceedings: this conference involves both presentations and publications in archival proceedings]
- Zhang, Y., Fleischmann, K. R., Gao, J., & Xie, B. (2015). A systematic review of the literature on consumers' use of patient portals: preliminary results. Presented at *the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. [Also listed under Publications - Referred Proceedings: this conference involves both presentations and publications in archival proceedings]
- Kim, H. & Xie, B. (2015). Health literacy and Internet- and mobile app-based health services: a systematic review of the literature. Presented at *the Annual Meeting of the American Society for Information Science and Technology (ASIST)*. November 6-10, 2015. St. Louis, Missouri. [Also listed under Publications - Referred Proceedings: this conference involves both presentations and publications in archival proceedings]
- Walker, L. O., Xie, B., Sterling, B., & Hendrickson, S. (2015) Behavioral and psychosocial risks after pregnancy: associations with postpartum health status.

- Presented at the *Annual Meeting of the Society of Behavioral Medicine*, San Antonio, TX. April 25, 2015.
- Watkins, I., Xie, B., Kim, H., Karadkar, U. (2015). Mobile applications that promote healthy eating for older adults: a systematic review. Presented at the *Annual Meeting of the Society of Behavioral Medicine*, San Antonio, TX. April 25, 2015.
- Radhakrishnan, K, Xie, B, Ellis, A (2014). Sustainability of home telehealth programs: A systematic Review. Presented at the *Home Healthcare and Hospice Information Technology (H3IT) conference*, Washington, DC, November 2014.
- Xie, B. & Watkins, I. (2014). Cultivating older adult teams (OATs) to collaboratively design eHealth literacy tutorials for older adults. Presented at the *Gerontological Society of America's 67th Annual Scientific Meeting*, Washington, DC, November 5-9, 2014.
- Watkins, I., Xie, B., Gao, J. & Piper, M. (2014). Improving older adults' eHealth literacy: what group compositions work with collaborative learning. Presented at the *Gerontological Society of America's 67th Annual Scientific Meeting*, Washington, DC, November 5-9, 2014.
- Watkins, I., & Xie, B. (2014). Implementing eHealth literacy interventions in diverse communities: Challenges and opportunities. Presented at the *International Conference of the International Society for Gerontechnology*. Taipei, Taiwan. June 18-21, 2014.
- Watkins, I., & Xie, B. (2014). Designing a web-based interactive eHealth literacy tutorial for an older adult-oriented intervention. Presented at the *International Conference of the International Society for Gerontechnology*. Taipei, Taiwan. June 18-21, 2014.
- Watkins, I. & Xie, B. (2014). eHealth literacy interventions for older adults: A systematic review of the literature. Presented at the *International Conference of the International Society for Gerontechnology*. Taipei, Taiwan. June 18-21, 2014.
- Johnson, K., Xie, B., Karadkar, U., Rew, L., & Stults-Kolehmainen, M. (2014). Social media use and physical activity: Searching for opportunities to connect adolescents and older adults for health promotion. Presented at the *Annual Meeting of the Society for Adolescent Health and Medicine*. Austin, TX. March 23-26, 2014.
- Xie, B. & Watkins, I. (2013). Effects of multimedia collaborative learning on older adults' eHealth literacy: Preliminary findings. Presented at the *Gerontological Society of America's 66th Annual Scientific Meeting*. New Orleans, LA. November 20-24, 2013.
- Xie, B. & Watkins, I. (2013). Electronic Health Information for Lifelong Learners (eHiLL): Recruitment and retention issues. Presented at the *Gerontological Society of America's 66th Annual Scientific Meeting*. New Orleans, LA. November 20-24, 2013.
- Radhakrishnan, K. & Xie, B. (2013). A declining home telehealth program and implications for sustainability: A Texas case study. Presented at the *Gerontological Society of America's 66th Annual Scientific Meeting*. New Orleans, LA. November 20-24, 2013.
- Watkins, I., Yeh, T., Alharbi, K., Xie, B., Gao, J., Salamah, A., & Tseng, J. (2013). Improving eHealth tutorials for older adults through participatory design: Pilot testing the Online Tutorial Overlay Presenter (OnTOP) 2.0. Presented at the *Gerontological Society of America's 66th Annual Scientific Meeting*. New Orleans, LA. November 20-24, 2013.
- Xie, B. & Watkins, I. (2012). Developing and testing collaborative learning strategies for older adults' learning of e-health literacy. Presented at the *Gerontological Society of America's 65th Annual Scientific Meeting*. San Diego, CA. November 14-18, 2012.

- Xie, B. (2012). Consumer health informatics and older adults. Presented at the *American Medical Informatics Association (AMIA) Annual Symposium*, Panel on Challenges and Opportunities in Consumer Health Informatics for Older Adults: Interdisciplinary Viewpoints. Chicago, IL. November 3-7, 2012.
- Watkins, I. & Xie, B. (2012). E-health collaborative learning strategies for older adults. Presented at the *International Conference of the International Society for Gerontechnology*. Eindhoven, The Netherlands. June 26-29, 2012.
- Watkins, I. & Xie, B., Devanrayanan, R., & Kanal, L. (2012). Older adults, computer literacy, and web-based intelligent tutoring. Presented at the *International Conference of the International Society for Gerontechnology*. Eindhoven, The Netherlands. June 26-29, 2012.
- Xie, B. & Watkins, I. (2012). Understanding and Promoting Older Adults' e-Health Literacy: the Electronic Health Information for Lifelong Learners (eHiLL) project. Presented at the *Priester Conference*. Washington DC. April 10-12, 2012.
- Xie, B., Wang, M., Feldman, R., & Zhou, L. (2012). Health information, decision-making, and the Internet. Presented at the *12th Annual American Academy of Health Behavior Meeting*. Austin, TX. March 18-21, 2012.
- Watkins, I. & Xie, B. (2012). Accessibility of health-related social networking sites for older adults. Presented at the *iConference 2012*. Toronto. February 7-10, 2012.
- Watkins, I. & Xie, B. (2011). Accessibility of health-related social media sites for older adults. Presented at the *64th Annual Scientific Meeting of Gerontological Society of America (GSA)*. Boston, MA. November 18-22, 2011.
- Xie, B. (2011). A public library-based approach to improving older adults' e-health literacy. Presented at the *64th Annual Scientific Meeting of the Gerontological Society of America (GSA)*. Boston, MA. November 18-22, 2011.
- Xie, B., Wang, M., Feldman, R., & Zhou, L. (2011). Measuring the relationship between age and preferences for health information and decision-making. Presented at the *64th Annual Scientific Meeting of Gerontological Society of America (GSA)*. Boston, MA. November 18-22, 2011.
- Xie, B., Yeh, T., Walsh, G., Watkins, I., & Huang, M. (2011). Co-designing an integrated e-tutorial tool to improve older adults' e-health literacy. Presented at the *64th Annual Scientific Meeting of Gerontological Society of America (GSA)*. Boston, MA. November 18-22, 2011.
- Nan, X., Xie, B., & Madden, K. (2011). Acceptability of the H1N1 vaccine among older adults: the interplay of message framing and perceived vaccine safety and efficacy. Presented at the Communicating Science, Health, Environment, and Risk Division of the Annual Conference of the Association for Education in Journalism and Mass Communication. St. Louis, MO. August 11-13, 2011.
- Xie, B. (2010). Improving older adults' e-health literacy through collaborative learning. Presented at *The Gerontological Society of America's 63rd Annual Scientific Meeting*. New Orleans, LA. November 19-23, 2010. [Panel Chair]
- Xie, B., Watkins, I., & Huang, M. (2010). Usability testing of Web-based multimedia health tutorials by older adults. Presented at *The Gerontological Society of America's 63rd Annual Scientific Meeting*. New Orleans, LA. November 19-23, 2010.
- Xie, B. (2010). Older Adults, e-Health Literacy, & Collaborative learning. Presented at the *2nd Annual Health Literacy Research Conference*. Bethesda, MD. October 18-19, 2010.
- Xie, B., Watkins, I., & Huang, M. (2010). Older adults, health literacy, and Web-based

- multimedia health tutorials. Presented at the *2nd Annual Health Literacy Research Conference*. Bethesda, MD. October 18-19, 2010.
- Xie, B. (2010). Meeting older adults' health information needs through peer computer training: an innovative public library approach to lifelong learning and volunteering in later life (as part of the *Panel on Collaborative Approaches to Training the 21st Century LIS Workforce: Spotlight on Projects Recently Funded By IMLS*). Presented at the *Association for Library and Information Science Education (ALISE) Annual Conference*. Boston, MA. January 12-15, 2010.
- Xie, B. & Pearson, G. (2009). Prototype Google maps Web site to select nursing homes: Usability testing by older adults. Presented at the *62nd Annual Scientific Meeting of the Gerontological Society of America (GSA)*. Atlanta, GA. November 18-22, 2009.
- Xie, B. & Bugg, J. M. (2009). Promoting older adults' e-health literacy: An innovative public library program. Presented at the *62nd Annual Scientific Meeting of the Gerontological Society of America (GSA)*. Atlanta, GA. November 18-22, 2009.
- Paquette, S. & Xie, B. (2008). Making elderly users relevant in healthcare technological design and development: Lessons learned from a case study of a medical alarm company. Presented at the *International Federation on Ageing (IFA) 9th Global Conference on Ageing*. Montreal, Canada. September 4-7, 2008.
- Piper, D., Yerushalmi, R., Palmer, S., & Xie, B. (2008). Integrating learning, research, and practice: Findings from a MLS community engagement project on public library services for older adults. Presented at the *Association for Library and Information Science Education (ALISE) Annual Conference*. Philadelphia, PA. January 8-11, 2008.
- Kazmer, M. & Xie, B. (2007). Qualitative interviewing in Internet studies: Playing with the media, playing with the method. Presented at *The Association of Internet Researchers Annual Conference*. Vancouver, Canada. October 17-20, 2007.
- Xie, B. (2007). Public libraries as computer training sites for older adults. Presented at the *Annual Conference of the Association for Library and Information Science Education (ALISE)*. Seattle, WA. January 15-18, 2007.
- Xie, B., & Charness, N. (2006). Technology use among older and younger Chinese: A pilot study. Presented at the *59th Annual Scientific Meeting of Gerontological Society of America (GSA)*. Dallas, TX. November 16-20, 2006.
- Xie, B. (2005). An STS study of older Chinese's and Americans' use of the Internet. Presented at the Annual Meeting of the Society for Social Studies of Science (4S). Pasadena, CA. October 20-22, 2005.
- Xie, B. (2006). Learning IT offline with peers: How computer clubs increase information access for older adults in China and the US. Presented at the *Annual Conference of the Association for Library and Information Science Education (ALISE)*. San Antonio, TX. January 16-19, 2006.
- Xie, B. (2005). Older Chinese in the Information Age: The OldKids Internet Community in Shanghai, China. Presented at the *Fifth International Conference of the International Society for Gerontechnology*. Nagoya, Japan. May 25-27, 2005.

Presentations at Regional/Local Conference/Workshop:

- Xie, B., Shiroma, K., De Main, A. S., & Davis, N. (2020). Older adults' needs for information, services, and social interaction during COVID-19. Lightening talk

- presented at *The University of Texas at Austin COVID-19 Conference*. November 10-11, 2020. Austin, Texas (virtual).
- Fleischmann, K. R., Xie, B., Lee, M. K., Verma, N., Shiroma, K., Rich, K., Sagna, A., Davis, N., Jia, C., Zhang, A., & Zimmerman, T. (2020). Trust in health information about COVID-19: age, eHealth literacy, and human values. Presented at *The University of Texas at Austin COVID-19 Conference*. November 10-11, 2020. Austin, Texas (virtual).
- Verma, N., Shiroma, K., Rich, K., Fleischmann, K. R., Xie, B., & Lee, M. K. (2020). Studying the COVID-19 related health information behavior of older and younger adults. Poster presented at *The University of Texas at Austin COVID-19 Conference*. November 10-11, 2020. Austin, Texas (virtual).
- Xie, B., Tao, C., Li, J., Hilsabeck, R., & Aguirre, A. (2020). Artificial intelligence for caregivers of persons with Alzheimer's disease and related dementias (ADRD): a systematic review of the literature. Presented at the *Texas Alzheimer's Research and Care Consortium (TARCC) 2020 Scientific Symposium – An Investigator Meeting*. January 30, 2020. Austin, Texas.
- Xie, B., Bugg, J., Shiroma, K., Sagna, A., Davis, N., & Streeper, E. (2019). Improving older adults' eHealth literacy: preliminary findings from an NIH-funded randomized controlled trial. Presented at the *Aging and Health Informatics Conference*. December 11, 2019. Austin, Texas.
- Shiroma, K., Davis, N., Yeh, T., Xu, H., Sagna, A., & Xie, B. (2019). Co-designing eHealth tutorials with and for older adults. To be presented at the *Healthier Texas Summit*. October 17 - 18, 2019. Austin, Texas.
- Davis, N., Shiroma, K., Sagna, A., & Xie, B. (2019). Libraries and senior centers as inclusive social public spaces. To be presented at the *Healthier Texas Summit*. October 17 - 18, 2019. Austin, Texas.
- Radhakrishnan, K. & Xie, B. (2014). Can Telehealth facilitate sustained patient self-management of chronic diseases: a Texas case study. Presented at the Southern Nursing Research Society (SNRS) Annual Conference, San Antonio, TX.
- Radhakrishnan, K. & Xie, B. (2014). Decline of a Telehealth program at a home health agency and implications for sustainability: a Texas case study. Presented at The University of Texas McCombs Annual Innovation in Health Care Delivery Systems Symposium, Austin, TX. April 14, 2014.
- Xie, B., Wang, M., Feldman, R., & Zhou, L. (2013). Exploring the relationships among Internet use, health information, and decision-making. Presented at the *4th Annual Healthcare Research Symposium, Innovation in Healthcare Delivery Systems: Focus on Social Issues*. Austin, TX. April 11- 12, 2013.
- Xie, B. (2011). Experimenting on collaborative versus individualistic learning methods to promote older adults' e-health literacy. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.
- Kanal, L., Devanarayanan, R., Xie, B., & Watkins, I. (2011). Web-intelligent tutoring system to aid older adults' learning of computer technology. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.
- Xie, B., Wang, M., Feldman, R. & Zhou, L. (2011). Health information, decision-making and the Internet. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.

- Huang, M., Hansen, D., & Xie, B. (2011). Older adults' search behavior for online consumer health information. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.
- Xie, B., Yeh, T., Walsh, G., Watkins, I., & Huang, M. (2011). Co-designing contextual tutorials for older adults searching health information on the Internet. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.
- Watkins, I. & Xie, B. (2011). Older adults and health-related social networking sites: accessibility and usability. Presented at the *Consumer Health Informatics Workshop: Aging, Culture, and Technology*. College Park, MD. May 25-26, 2011.
- Xie, B., Watkins, I., & Huang, M. (2010). Usability testing of web-based multimedia health tutorials by older adults. Presented at the *Consumer Health Informatics Workshop*. College Park, MD. May 28, 2010.
- Xie, B., Wang, M., & Feldman, B. (2010). Preferences for health information and decision-making in the Internet age: development of the Health Information Wants (HIW) Questionnaire. Presented at the *Consumer Health Informatics Workshop*. College Park, MD. May 28, 2010.
- Xie, B. (2010). Improving older adults' e-health literacy in public libraries: the Older Adult Team (OAT) project. Presented at the *Library Research Seminar Conference*. College Park, MD. October 7, 2010.
- Xie, B. (2009). Older adults' health information-seeking and decision-making in the Internet age. Presented at the *Consumer Health Informatics Workshop*. College Park, MD. May 29, 2009.
- Xie, B. (2008). Influence of computer training on older adults' use of NIH Senior Health and MedlinePlus websites. Presented at the *Consumer Health Informatics Workshop*. College Park, MD. May 30, 2008.
- Pearson, G., Yerushalmi, R., & Xie, B. (2008). Usability testing of a prototype Google maps website to locate and evaluate American nursing homes. Presented at the *Consumer Health Informatics Workshop*. College Park, MD. May 30, 2008.
- Xie, B. (2007). How older adult patrons of public libraries access health and medical information online: findings from a pilot study. Presented at the *Health Informatics in an Aging Population Workshop*. College Park, MD. June 1, 2007.
- Xie, B. (2005). Growing older in the Information age: Identity and Internet community in Shanghai, China. Presented at the *Fourth Annual Conference of the Association for Anthropology and Gerontology (AAGE)*. Austin, TX. March 4-6, 2005.
- Xie, B. (2004). Growing older in the Information age: A symbolic interactionist study of stigma and online community in China and the United States. Presented at the *HumaniTech Graduate Student Conference*. Albany, NY. April 24, 2004.
- Xie, B. (2004). Growing older in the Information age: A symbolic interactionist approach to older adults' experiences on and off the Internet. Presented at the *MIT-RPI-Cornell STS Graduate Student Conference*. Troy, NY. February 13-14, 2004.
- Xie, B. (2003). Older people, computers, and the Internet: A cross-cultural study. Presented at the *HumaniTech Graduate Student Conference*. Albany, NY. April 26, 2003.
- Xie, B. (2001). The Internet and democracy in China. Presented at the *First Annual Graduate Webshop*. College Park, MD. June 2001.

Conferences/Symposiums/Workshops Organized:

- Xie, B. (2019). Conference Chair/Organizer. [Aging and Health Informatics Conference \(AHIC\)](#). Austin, Texas. December 11, 2019. [This conference had a total of 80 participants from 14 different universities as well as a number of healthcare providers, state government agencies, and health IT companies. Participants represented 15 different academic fields, with Nursing (41%), Information Science (29%), Medicine (8%), and Computer Science/Engineering (5%) being the most represented ones.] Austin, Texas. December 11, 2019.
- Xie, B. & Shiroma, K. (2019). Symposium: Asian Older Adults' Online and Offline Health Information Preferences and Behaviors. Gerontological Society of America's Annual Scientific Meeting. Austin, TX. November 13-17.
- Xie, B. & Watkins, I. (2012). Symposium: Deepening Understandings of Older Adults' Learning and Use of the Internet. Gerontological Society of America's 65th Annual Scientific Meeting. San Diego, CA. November 14-18, 2012.
- Xie, B. (2011). Organizer. Consumer Health Informatics Workshop, University of Maryland, College Park, MD. May 25-26, 2011. [This workshop was part of the 28th Annual Human-Computer Interaction Lab Symposium. The workshop lasted for 1.5 days. A total of 59 different individuals registered for this workshop, including 41 individuals registered for the May 25 portion of the workshop and 42 registered for the May 26 portion of the workshop. These individuals came from academia, government agencies (e.g., NIH, CDC), and the industry. This workshop included a total of 15 presentations. The National Library of Medicine of NIH, through the National Network of Libraries of Medicine, provided \$6,000 to support this workshop, including covering the expenses for having an invited keynote speaker for the workshop.]
- Xie, B. & Paquette, S. (2010). Tutorial Co-Presenter. Annual National Initiative for Care of the Elderly (NICE) Knowledge Exchange: Social Media for Creating Networks and Sharing Knowledge. Toronto, Canada. June 28, 2010. [We were invited and funded by the Canadian National Initiative for Care of the Elderly (NICE) to organize a workshop on social media as part of the Annual National Initiative for Care of the Elderly (NICE) Knowledge Exchange Meeting. This tutorial was offered twice during the day, and each was attended by 25-30 Canadian professionals serving the aging population.]
- Xie, B. & LeRouge, C. (2010). Co-Organizer. Consumer Health Informatics Workshop, University of Maryland, College Park, MD. May 28, 2010. [This 1-day workshop was part of the 27th Annual Human-Computer Interaction Lab Symposium. The workshop had a total of 32 registered participants from academia, government agencies, and the industry. The workshop had 9 presentations. The National Library of Medicine of NIH, through the National Network of Libraries of Medicine, provided \$1,000 to support this workshop.]
- Hansen, D. & Xie, B. (2009). Co-Organizer. Consumer Health Informatics Workshop, University of Maryland, College Park, MD. May 29, 2009. [This 1-day workshop was part of the 26th Annual Human-Computer Interaction Lab Symposium. The workshop had 7 presentations. Approximately 10 individuals from academia, government agencies, and the industry participated in this workshop.]
- Xie, B. & Hansen, D. (2008). Co-Organizer. Consumer Health Informatics Workshop, University of Maryland, College Park, MD. May 30, 2008. [This 1-day workshop was part of the 25th Annual Human-Computer Interaction Lab Symposium. The workshop had 10 presentations. Approximately 15 individuals from academia,

government agencies, and the industry participated in this workshop.]

Xie, B. (2007). Organizer. Health Informatics in an Aging Population, University of Maryland, College Park, MD. June 1, 2007. [This 1-day workshop was part of the 24th Annual Human-Computer Interaction Lab Symposium. The workshop had 11 presentations with 12 registered participants from academia, government agencies, and the industry.]

PRESENTATIONS - Invited

- Xie, B. (2020). Aging during COVID-19: eHealth Challenges and Opportunities. Invited talk at the *Global Public Health Security and Health Promotion Symposium*, organized by the University Alliance of the Silk Road (UASR) Health Sub-Alliance, Xi'an Jiaotong University Health Science Center and Global Health Institute. Online (conference was held in China; my talk was given remotely). November 26, 2020.
- Xie, B. (2019). Electronic Health Information for Lifelong Learners (eHiLL). Invited talk at the *2019 Aging in Texas Conference*, Houston, TX, June 27, 2019. [This conference was organized by the Texas Association of Area Agencies on Aging, Texas Health and Human Services Commission, and the Texas Association of Regional Councils.]
- Xie, B. (2019). Aging & Health Literacy. Invited talk at the *St. David's CHPR Research Colloquium Series*. The University of Texas at Austin. Austin, TX. March 15, 2019.
- Walker, L. O., Murphey, C., & Xie, B. (2016). Invited brief presentation on Postpartum Screening with Technology at Tech Madness, Breakfast Roundtable Technology Preview, Technology SIG, at the *Annual Meeting of the Society of Behavioral Medicine*, Washington, DC, March 31, 2016.
- Xie, B. (2015). Technology-based Community Research. Invited talk at the St. David's CHPR Summer Institute. University of Texas at Austin. Austin, TX. June 18, 2015.
- Xie, B. (2014). Technology-based Community Research. Invited talk at the St. David's CHPR Summer Institute. University of Texas at Austin. Austin, TX. June 12, 2014.
- Xie, B. (2013). Older adults' perceptions and learning of social media and design implications. Invited talk at the *Workshop on Charting a Research Agenda for Studying Internet and Social Media Use in Middle-Age and Older Adults*. University of Michigan. Ann Arbor, MI. October 21-22, 2013.
- Xie, B. (2012). Older adults and e-health literacy. Invited talk at the *GeronTechnology 2012: The Summit on Smart Technology for Independent Aging*. University of Texas at Austin. Austin, TX. October 16, 2012.
- Xie, B. (2011). Older adults and e-health literacy. Invited talk at the *Informatics Grand Rounds of the Johns Hopkins University Bloomberg School of Public Health*, Baltimore, MD. December 9, 2011.
- Xie, B. (2011). Healthcare, technology, and the aging population. Invited Keynote Panel talk at the *Research Symposium of the American Society for Information Science and Technology (ASIS&T) Special Interest Group on Information Needs, Seeking, and Use (SIG USE) at the ASIS&T Annual Meeting*, New Orleans, LA. October 12, 2011.
- Xie, B. (2011). Health IT, literacy, and aging. Invited talk at the *2011 University of Maryland Health IT Summit*. College Park, MD. October 7, 2011.
- Xie, B. (2011). Older adults and e-health literacy: the Electronic Health Information for Life-Long Learners (eHiLLL) research project. Invited talk at the *2011 UNCF Special Programs Corporation (UNCFSP) and National Library of Medicine (NLM) eHealth ACCESS Meeting for HBCUs and Community Partners*. Bethesda, MD. June 13,

2011.

Xie, B. (2010). Older adults and e-health literacy. Invited talk at the *FDA Medical Device Technology Innovation Partnership (MD-TIP) Project Workshop*. Silver Spring, MD. October 26, 2010.

Xie, B. (2010). Consumer Health Informatics. Invited talk at the *Health Informatics Pulse* event. Rockville, MD. October 24, 2010.

Xie, B. (2010). Technologies for healthy independent living: addressing the needs of the older adults. Invited talk at the *National Institutes of Health Workshop on Personal Motion Technologies for Healthy Independent Living*. Bethesda, MD. June 22-24, 2010.

Xie, B. (2010). Older adults, information technology, and health. Invited talk at the *e-Chicago 2010 annual conference*. Chicago, IL. May 1, 2010.

Xie, B. (2010). Promoting older adults' e-health literacy in public libraries. Invited talk at the Maryland Population Research Center, University of Maryland. College Park, MD. January 27, 2010.

Xie, B. (2007). Older adults, e-health literacy, and public libraries. Invited talk at the *Libraries, Older Adults & Technology Pre-conference Workshop at the Annual Meeting of the American Library Association*. Washington DC. June 22, 2007.

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

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