

EDUCATION

2017 (expected)	Ph.D.	University of Washington, School of Medicine Department of Biomedical and Health Informatics Dissertation working title: Evaluation of Personal Health Records for Home Health Dissertation Advisor: Dr. George Demiris
2008	M.S.	The George Washington University, School of Business Management of Information Systems Technology
2006	B.S.E.	University of Michigan, School of Engineering Industrial and Operations Engineering

PUBLICATIONS**Peer-Reviewed Journal Publications**

6. **Kneale L**, Demiris G. Lack of diversity in personal health record evaluations with older adult participants: a systematic review of literature. *Journal of Innovation in Health Informatics*. Under Review.
5. Backonja U, Hall AK, **Kneale L**, Lazar A, Cakmak M, Thompson H, Demiris G. Perceptions of the psychosocial impact of robots among young, middle-aged, and older adults: a cross-sectional study. *International Journal of Social Robots*. Under Review.
4. **Kneale L**, Choi Y, Demiris G. Assessing commercially available personal health records for home health: recommendations for design. *Applied Clinical Informatics*. 2016 May 18; 7(2):355-367. doi: 10.4338/ACI-2015-11-RA-0156.
3. Backonja U, **Kneale L**, Demiris G, Thompson H. Senior tech: the next generation- health informatics solutions for older adults living in the community. *Journal of Gerontological Nursing*. 2016 Jan 16; 42(1): 2-3. doi: 10.3928/00989134-20151218-05.
2. Demiris, G, **Kneale, L**. Informatics systems and tools to facilitate patient-centered care coordination. *IMIA Yearbook of Medical Informatics*. 2015 Aug 13; 10(1):15-21. doi: 10.15265/IY-2015-003.
1. Chaudhuri S, **Kneale L**, Le T, Phelan E, Rosenberg D, Thompson H, Demiris G. Older adults' perceptions of fall detection devices. *Journal of Applied Gerontology*. 2015 Jun 24; pii: 0733464815591211. [Epub ahead of print].

Peer-Reviewed Journal Publications In Preparation

3. **Kneale L**, Sangameswaran S, Ordway A, Johnson K, Demiris G. Understanding Information Exchange between Home Care Clients and Aides: Opportunities for Informatics. *Home Health Care Services Quarterly*.
2. **Kneale L**, Mikles S, Choi Y, Thompson H, Demiris G. Using Scenarios and Personas of an Older Adult and their Caregivers to Enhance the Effectiveness of a Heuristic Evaluation. *Journal of Biomedical Informatics*.
1. **Kneale L**, Choi Y, Mikles S, Thompson H, Demiris G. How to improve the usability of personal health records for patients, caregivers, and providers. *Journal of Aging and Health*.

Peer-Reviewed Publications in Archival Conference Proceedings

3. **Kneale L**, Choi Y, Mikles S, Thompson H, Demiris G. Evaluating Publicly Available Personal Health Records for Home Health. Paper presented at the National Library of Medicine Training Conference, 27-28 June 2016; Columbus, OH.
2. Chaudhuri S, **Kneale L**, Le T, Thompson H, Demiris G. Older Adults' Attitudes toward Fall Detection Devices. Paper presented at the National Library of Medicine Informatics Training Conference; 17-18 June 2014; Pittsburgh, PA.
1. Carey M, **Kneale L**, Stegner J. Sustained Operational Performance Improvement at the University of Chicago Medical Center. Presented at the University HealthSystems Consortium Annual Conference 2011, 21-23 2011 September; Chicago, IL.

Peer-Reviewed Poster Abstracts in Archival Conference Proceedings

2. **Kneale L**, Thompson H, Demiris G. Incorporating Televisions into Older Adults' Health Routines: A Case Study. Poster session presented at: American Medical Informatics Association. 15 November 2016; Chicago, IL.
1. Qadir S, **Kneale L**, Whelan C, Eggers L, Steigbigel G, Kissane M, Butler D, Daemicke C, Alcain C, Gillespie A, Beiser D, Knutsen C, Collins J, Pufundt A, Robinson L, Markul E, Beck, E. Development and Implementation of an Integrated Care Transition Pilot Program. Poster session presented at: Healthcare Systems Process Improvement Conference. 21-24 February 2014; Orlando, FL.

INVITED TALKS

5. **Kneale L**, Ordway A, Johnson K, Demiris G. Understanding Information Exchange between Home Care Clients and Aides: Opportunities for Informatics. Paper presented at the Home Healthcare and Hospice Information Technology Conference, 11 November 2016; Chicago, IL.
4. **Kneale, L**. Exploring Personal Health Records for Older Adults and Their Caregivers. 2016 Northwest Technology Conference presented by the Washington State Chapter of the Healthcare Information Management and System Society, 24 October 2016; Bellevue, WA.
3. **Kneale L**, Choi Y, Demiris G. Assessing commercially available personal health records using a standard transition from hospital to skilled home health care. Paper presented at the Home Healthcare and Hospice Information Technology Conference; 27 October 2015; Nashville, TN.
2. **Kneale, L**. The University of Chicago Medicine's Readmission Reduction Program. Joint Commission Resources National Pacing Event, Chicago, Illinois, 1 Apr. 2013.
1. **Kneale, L**. The University of Chicago Medicine's Readmission Reduction Program. Joint Commission Resources All National Hospital A.D.E and Readmissions Event, Chicago, Illinois, 4 Mar. 2013.

AWARDS AND HONORS

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| 2015 | Healthcare Information and Management Systems Society (HIMSS) Foundation Doctorate Scholarship |
| 2013-2017 | National Library of Medicine (NLM) Pre-doctoral Trainee in Biomedical and Health Informatics |
| 2015 | University of Washington Retirement Association Fellow in Aging |

2014 Washington State Healthcare Information and Management Systems
Society (HIMSS WA) Student Scholar

2007 National Capitol Area Healthcare Information and Management Systems
Society (HIMSS-NCA) Student Scholar

RESEARCH EXPERIENCE

2013-present Home-based Environmental Assisted Living Technologies for Healthy
Elders (HEALTH-E)
<http://health-e.info/>

SELECTED PROFESSIONAL SERVICE

Home Healthcare and Hospice Information Technology (H3IT) Conference
Organizing Committee Chair, 2016

Healthcare Information and Management Systems Society (HIMSS)

2013 - 2017 HIMSS Conference Reviewer and Presentation Mentor

2011 - 2013 Management Engineering and Process Improvement Committee Member,
2011-2013

DEPARTMENT/UNIVERSITY SERVICE

University of Washington

2015-2016 Graduate Admissions Committee, Biomedical and Health Informatics

NON-ACADEMIC PROFESSIONAL EXPERIENCE

The University of Chicago Medicine

2012-2013 Performance Improvement Consultant

2010-2012 Quality Consultant

2009-2010 Quality Analyst

Wellspring Partners, a Huron Consulting Group Member

2009 Health Information Systems Analyst

The Altarum Institute

2006-2008 Health Information Systems Research Analyst

PROFESSIONAL MEMBERSHIPS

AcademyHealth

American Health Information Management Association (AHIMA)

American Medical Informatics Association (AMIA)

Healthcare Information and Management Systems Society (HIMSS)