

## **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**

4. **Kneale L**, Choi Y, Demiris G. Assessing commercially available personal health records for home health: recommendations for design. *Applied Clinical Informatics*. 2016;7(2):355-367. doi: 10.4338/ACI-2015-11-RA-0156.
3. Backojna 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.
2. Demiris, G, **Kneale, L**. Informatics systems and tools to facilitate patient-centered care coordination. *IMIA Yearbook of Medical Informatics* 2015. 10:15-21.
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 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. 2016 November 15; 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. 2014 February 21-24; Orlando, FL.

**INVITED TALKS**

5. **Kneale, L.** Exploring Personal Health Records for Older Adults and Their Caregivers. Abstract presented at the 2016 Healthcare Information and Management Systems Society NW Technology Conference, 24 October 2016; Seattle, WA.
4. **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.
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.

**GRANTS AND GIFTS**

- |           |   |
|-----------|---|
| 2016      | Agency for Healthcare Research and Quality (AHRQ) Grants for Health Services Research Dissertation Program (R36), Role: PI, scored not funded |
| 2016      | The Graduate School's Fund for Excellence and Innovation (GSFEI) Graduate Student Travel Award  |
| 2013-2016 | National Library of Medicine (NLM) Pre-doctoral Trainee in Biomedical and Health Informatics  |
| 2015      | Healthcare Information and Management Systems Society (HIMSS) Foundation Doctorate Scholarship  |

**HONORS**

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|------|---|
| 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**

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| 2013-present | Home-based Environmental Assisted Living Technologies for Healthy Elders (HEALTH-E)<br><a href="http://health-e.info/">http://health-e.info/</a> |
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**SELECTED PROFESSIONAL SERVICE**

**Home Healthcare and Hospice Information Technology (H3IT) Conference**

Organizing Committee Chair, 2016

**Healthcare Information and Management Systems Society (HIMSS)**

2013 - 2016 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)