Laura Kneale, PhD

EDUCATION

2017	Ph.D.	University of Washington, School of Medicine Division of Biomedical and Health Informatics Dissertation title: Using Personal Health Records to Promote Patient Activation in the Homebound Older Adult Population
2008	M.S.	The George Washington University, School of Business Information Systems Technology
2006	B.S.E.	University of Michigan, School of Engineering Industrial and Operations Engineering

PUBLICATIONS
Peer-Reviewed Journal Publications

8. Ordway A, Johnson K, **Kneale L**, Amtmann D, Demiris G. The experience of home care providers and beneficiaries with enhanced training requirements in Washington State. Journal of Aging and Health. 2019 July 3; [Epub ahead of print] doi: 10.1177/0898264319860298.

7. Backonja U., Hall AK., Painter I., **Kneale L.,** Lazar A., Cakmak M., Thompson H., Demiris G. Comfort and attitudes towards robots among young, middle-aged, and older adults: a cross-sectional study. Journal of Nursing Scholarship. 2018 September 19; [Early View] doi: 10.1111/jnu.12430.

6. **Kneale L**, Demiris G. The Role of Senior Housing Programs in Facilitating Use of Personal Health Records among Older Adult Users. Seniors Housing and Care Journal. 2017 September 26; 25(1).

5. **Kneale L**, Mikles S, Choi YK., Thompson H, Demiris G. Using Scenarios and Personas of Older Adults and their Care Team to Enhance the Effectiveness of a Heuristic Evaluation. Journal of Biomedical Informatics. 2017 September; 73:43-50. doi: 10.1016/j.jbi.2017.07.008.

4. **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. 2017;23(4):789-798. doi: 10.14236/jhi.v23i4.881.

3. **Kneale L,** Choi YK., 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.

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; [Epub ahead of print] doi: 10.1177/0733464815591211.

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Peer-Reviewed Conference Abstracts

7.   Choi Y., Lin S., **Kneale L.,** Thompson H., Demiris G. Older adults' perceptions of obtrusiveness of IoT-smart home technologies. Paper presented at the 2019 Aging and Health Informatics Conference. 11 Dec 2019; Austin, TX.

6.   **Kneale L**, Chaudhuri S, Rosenberg D, Demiris G, Phelan E. Smart-Phone Application Evaluation for Older Adults Prescribed Physical Therapy for Fall Prevention. Poster session presented at: 21st IAGG World Congress of Gerontology and Geriatrics. 24 July 2017; San Francisco, CA.

5.   **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.

4.   **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.

3.   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.

2.   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, Rubinson 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.

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.

Invited Publications

1.   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. doi: 10.3928/00989134-20151218-05.

Book Chapters

1.   **Kneale L.** Human Computer Interaction (HCI) Evaluation, Usability Testing, Study Design and Methods. In: Mankowitz S. (Ed.) Clinical Informatics Board Review and Self Assessment. Springer International Publishing 2018, ISBN-13: 9783319637655.

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.

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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

2017	American Health Information Management Association (AHIMA) Foundation Merit Scholarship: Joel Nagorner Endowed Research Scholarship
2013-2017	National Library of Medicine (NLM) Pre-doctoral Trainee in Biomedical and Health Informatics
2015	Healthcare Information and Management Systems Society (HIMSS) Foundation Doctorate Scholarship
2015	University of Washington Retirement Association Fellowship in Aging
2014	Washington State Healthcare Information and Management Systems Society (HIMSS WA) Student Scholar

RECENT COURSES TAUGHT

2019	Critical Reading and Information Literacy in Nursing, University of Washington, Bothell
2019	Translational Research II, University of Washington, Bothell
2019	Health Policy and the Organization of Healthcare, University of Washington, Bothell
2018	Telehealth Systems and Applications, University of Washington, Seattle
2018	Management of Information Systems/Management of Healthcare Information Systems, University of Washington, Tacoma
2017	Systems Design & Project Management, University of Washington, Seattle
2016	Healthcare Information Systems, University of Washington, Tacoma

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

Healthcare Information and Management Systems Society (HIMSS)

2013 - 2018	HIMSS Conference Reviewer and Presentation Mentor
2011 - 2013	Management Engineering and Process Improvement Committee Member, 2011-2013

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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

SELECTED PROFESSIONAL MEMBERSHIPS

American Medical Informatics Association (AMIA)

Healthcare Information and Management Systems Society (HIMSS), Senior Member since 2013