George Demiris, PhD, FACMI
Curriculum Vitae

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Education
- *University of Minnesota*, Minneapolis-St.Paul, USA (December 2000)
  Doctor of Philosophy in Health Informatics
- *Ruprecht-Karls University of Heidelberg*, Heidelberg, Germany (September 1994)
  Master of Science (Diplom) in Medical Informatics
- *Ruprecht-Karls University of Heidelberg*, Heidelberg, Germany (August 1991)
  Bachelor of Science (Vordiplom) in Medical Informatics

Positions Held
2018-	PIK (Penn Integrates Knowledge) University Professor, Department of Biobehavioral and Health Sciences, School of Nursing & Department of Biostatistics, Epidemiology and Informatics, Perelman School of Medicine, University of Pennsylvania
2014-2017	Vice Chair for Informatics Education, Department of Biomedical Informatics and Medical Education, School of Medicine, University of Washington
2011-2017	Professor, Biobehavioral Nursing and Health Systems, School of Nursing & Biomedical and Health Informatics, School of Medicine (joint appointment), University of Washington
2007-2017	Graduate Program Director, Division of Biomedical and Health Informatics, Department of Medical Education and Biomedical Informatics, University of Washington
2007-2017	Director, Clinical Informatics and Patient Centered Technologies (CIPCT) Graduate Program, School of Nursing, University of Washington
2006-2011	Associate Professor, Biobehavioral Nursing and Health Systems, School of Nursing & Biomedical and Health Informatics, School of Medicine (joint appointment), University of Washington
2007-2011	Adjunct Associate Professor, Health and Community Systems, School of Nursing, University of Pittsburgh
2005-2006	Associate Director of the National Library of Medicine (NLM) Biomedical and Health Informatics Training Grant-University of Missouri, Columbia
2003- 2006	Director of the Health Informatics Graduate Program at the University of Missouri, Columbia
2002-2006	Assistant Professor, Department of Health Management and Informatics, University of Missouri-Columbia
2001	Project Manager, ATKOSoft SA. Athens, Greece
2001	Visiting Professor for the National School of Public Health- Athens, Greece
1998-2000	Graduate Research Assistant for the TeleHomeCare Project, University of Minnesota
1998	Graduate Research Assistant for the Telemedicine Center, University of Minnesota
1997-1998	Graduate Teaching Assistant, University of Minnesota

1994-1996   Research Associate, Medical Informatics, University of Freiburg, Germany
1992-1994   Graduate Research Assistant, German Cancer Research Center, Heidelberg, Germany

Professional Development
- National Cancer Institute (NCI)-Speeding Research-tested INTerventions (SPRINT) training, April-June 2017
- Stanford Geriatric Education Center (SGEC) Faculty Development Program in Ethnogeriatrics (FDPE), Stanford University, School of Medicine, 2013-2014
- University of Missouri-Columbia New Faculty Teaching Scholar 2003-2004
- University of Missouri Faculty Grant Writing Institute Summer 2003

Awards and Honors
- Sandra Eyres Excellence in Graduate Teaching Award 2017
- Member, Washington State Academy of Sciences (since 2014)
- Fellow, Gerontological Society of America (since 2014)
- Staff Council Sandy Eyres Faculty Appreciation Award, School of Nursing, University of Washington 2014
- Alumni Endowed Professor in Nursing, University of Washington (2012-)
- Fellow, American College of Medical Informatics (since 2011)
- Excellence in Teaching Award in Biomedical and Health Informatics, Department of Medical Education and Biomedical Informatics, University of Washington 2010-2011
- Honorary Fellow in the School of Clinical Sciences and Community Health, College of Medicine and Veterinary Medicine, University of Edinburgh, UK (2009-2014)
- Nominated for Distinguished Paper Award at the American Medical Informatics Association (AMIA) 2009 Annual Symposium for: **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Washington K. Video-mediated Communication in Hospice Interdisciplinary Team Meetings: Examining Technical Quality and Content. American Medical Informatics Association (AMIA) 2009 Symposium Proceedings; 135–139
- MU Sinclair School of Nursing Interdisciplinary Faculty Award for Excellence, 2005
- Outstanding Faculty Award-Health Management and Informatics Graduate Student Association 2003-2004
- European Union Center Faculty Fellow 2003-2004
- University of Missouri Alumni Association Faculty Incentive Grant 2002-2003
- European Union Center, University of Missouri Columbia Faculty Research Grant Award 2002-2003
- AMIA 2001 Diana E. Forsythe Award Finalist for the paper "The Nature of Communication in Virtual Home Care Visits"
- IPHIE (International Partnership in Health Informatics Education) Master Class Fellow-August 2000
- Finalist for the 2000 Juran Fellowship Program at the University of Minnesota

Publications
Peer Reviewed Journal Articles
217.   Han CJ, Chi NC, Han SJ, **Demiris G**, Parker-Oliver D, Washington K, Clayton M, Reblin M, Ellington L. Communicating Caregivers' Challenges with Cancer Pain Management: An Analysis of Home Hospice Visits. Journal of Pain and Symptom Management (In Press)
216.   Parker Oliver D, Washington K, **Demiris G**, Wallace A, Craig K, Propst M, Uraizee A, Clayton M, Reblin M, Ellington L. Shared decision making in home hospice nursing visits: A qualitative study. Journal of Pain and Symptom Management (In Press)

215. Hall AK, Backonja U, Cakmak M, Sung M, Lau T, Thompson HJ, **Demiris G.** Acceptance and perceived usefulness of robots to assist with activities of daily living and healthcare tasks. Assistive Technology (In Press)

214. Kang Y, **Demiris G**. Self-report pain assessment tools for cognitively intact older adults: integrative review. International Journal of Older People Nursing (In Press)

213. Chi NC, **Demiris G**, Pike KC, Washington K, Parker Oliver D. Pain Management Concerns from the Family Caregivers' Perspective. American Journal of Hospice and Palliative Medicine. (In Press)

212. Washington KT, **Demiris G**, Parker Oliver D, Purnell G, Tatum P. Quality hospice care in adult family homes: Barriers and facilitators. JAMDA: The Journal of Post-Acute and Long-Term Care Medicine (In Press)

211. Kneale L, Mikles S, Choi Y, Thompson H, **Demiris G**. Using scenarios and personas to enhance the effectiveness of heuristic usability evaluations for older adults and their care team. Journal of Biomedical Informatics 2017; 73:43-50.

210. Han C, Lee Y, **Demiris G**. Interventions Using Social Media for Cancer Prevention and Management: A Systematic Review. Journal of Cancer Nursing (In Press)

209. Chung J, Ozkaynak M, **Demiris G.** Examining Daily Activity Routines of Older Adults Using Workflow. Journal of Biomedical Informatics 2017;71:82-90

208. Chi N, Sparks O, Lin S, Lazar A, Thompson HJ, **Demiris G.** Pilot testing a digital pet avatar for older adults. Geriatric Nursing (In Press)

207. Washington KT, Parker Oliver D, Smith JB, McCrae CS, Balchandani SM, **Demiris G**. Sleep problems, anxiety, and global self-rated health among hospice family caregivers. American Journal of Hospice & Palliative Medicine (In Press)

206. Washington KT, Guo Y, Albright DL, Lewis A, Parker Oliver D, **Demiris G.** Team functioning in hospice interprofessional meetings: An exploratory study of providers' perspectives. Journal of Interprofessional Care 2017; 31(4): 455-462.

205. Hartzler AL, Osterhage K, **Demiris G**, Phelan EA, Thielke SM, Turner AM. Understanding views on everyday use of personal health information: insights from community dwelling older adults. Informatics for Health and Social Care (In Press)

204. Joe J, Hall A, Chi N, Thompson HJ, **Demiris G.** IT-based Wellness Tools for Older Adults: Design Concepts and Feedback. Informatics for Health & Social Care (In Press)

203. 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 (In Press)

202. Wilkes CM, Washington KT, Palmer WM, Parker Oliver D, **Demiris G**, Craig K. Differential effects of patient symptom subtypes on informal hospice caregiver depression. Palliative & Supportive Care (In Press)

201. Parker Oliver D, Patil S, Benson J, Gage A, Washington K, Kruse R, **Demiris G.** The effect of Internet group support for caregivers on social support, self-efficacy and caregiver burden; a meta-analysis. Telemedicine and e-health 2017; 23(8): 621-629.

200. Parker Oliver D, Washington K, Smith J, Uraizee A, **Demiris G.** The prevalence and risks for depression and anxiety in hospice caregivers. Journal of Palliative Medicine 2017; 20(4):366-371. [PMCID: PMC5385442]

199. Washington KT, **Demiris G,** Parker Oliver D, Swarz J, Lewis AM, Backonja U. A qualitative analysis of information sharing in hospice interdisciplinary group meetings. American Journal of Hospice & Palliative Medicine (In Press).

198. Parker Oliver D, **Demiris G**, Washington K, Kruse RL, Petrowski G. Hospice Family Caregiver Involvement in Care Plan Meetings: A Mixed-Methods Randomized Controlled Trial. American Journal of Hospice and Palliative Medicine 2017;34(9):849-859. [PMCID:PMC5272916]

197. Le T, Chi NC, Chaudhuri S, Thompson HJ, **Demiris G.** Understanding Older Adult Use of Data Visualizations as a Resource for Maintaining Health and Wellness. Journal of Applied Gerontology (In Press).

196. Backonja U, Chi NC, Choi Y, Hall AK, Le T, Kang Y, **Demiris G.** Visualization approaches to support healthy aging: A Systematic Review. Journal of Innovation in Health Informatics (In Press).

195. Chung J, **Demiris G,** Thompson HJ, Chen K, Burr RL, Patel S, Fogarty J. Feasibility testing of a home-based sensor system to monitor mobility and daily activities in Korean American older adults. International Journal of Older People Nursing (In Press)

194. **Demiris G.** Consumer Health Informatics: Past, Present, and Future of a Rapidly Evolving Domain. Yearbook of Medical Informatics 2016;Suppl 1:S42-7.

193. Lazar A, Thompson HJ, **Demiris G.** Design recommendations for recreational systems involving older adults living with dementia. Journal of Applied Gerontology (In Press)

192. Kneale L, Choi Y, **Demiris G.** Assessing commercially available personal health records for home health: recommendations for design. Applied Clinical Informatics 2016;7(2):355-67.

191. Chi NC, **Demiris G.** Family Caregivers' Pain Management in End-of-Life Care: A Systematic Review. The American Journal of Hospice and Palliative Medicine (In Press)

190. Bock C, **Demiris G**, Choi Y, Le T, Thompson HJ, Samuel A, Huang D. Older Adults in the Visualization of Sensor Data facilitated by an Open Platform for Connected Devices. Technology and Health Care 2016;24(4):541-50.

189. Chung J, Thompson H, Joe J, Hall A, **Demiris G.** Examining Korean and Korean American Older Adults' Perceived Acceptability of Home-Based Monitoring Technologies in the Context of Culture. Informatics for Health and Social Care (In Press)

188. Oliver D, **Demiris G**, Washington K, Clark C, Thomas-Jones D. Challenges and Strategies for Hospice Caregivers: A Qualitative Analysis. The Gerontologist 2017;57(4):648-656. [PMCID:PMC4441870]

187. **Demiris G**, Chaudhuri S, Thompson H. Older Adults' Experience with a Novel Fall Detection Device. Telemedicine and e-Health 2016;22(9):726-32.

186. Tarter R, **Demiris G**, Pike K, Washington K, Parker Oliver D. Pain in hospice patients with dementia: the informal caregiver experience. American Journal of Alzheimer's Disease and Other Dementias 2016; 31(6): 524-529. [PMCID:PMC4982799]

185. Albright DL, Washington K, Parker Oliver D, Lewis A, Kruse RL, **Demiris G.** The Social Convoy for Family Caregivers Over the Course of Hospice. Journal of Pain and Symptom Management 2016;51(2):213-9. [PMCID: PMC4733635]

184. Gage LA, Washington K, Parker Oliver D, Kruse R, Lewis A, **Demiris G.** Family Members' Experience with Hospice in Nursing Homes. American Journal of Hospice and Palliative Medicine 2016; 33:354-362. [PMCID:PMC4441870]

183. Chung J, **Demiris G**, Thompson HJ. Ethical Considerations Regarding the Use of Smart Home Technologies for Older Adults: An Integrative Review. Annual Review of Nursing Research 2016;34(1):155-181.

182. Washington KT, Pike KC, **Demiris G**, Parker Oliver D, Albright DL, Lewis AM. Gender differences in caregiving at end of life: Implications for hospice teams. Journal of Palliative Medicine 2015;18(12):1048-1053. [PMCID: PMC4677542]

181. **Demiris G**, Kneale L. Informatics Systems and Tools to Facilitate Patient-centered Care Coordination. IMIA Yearbook of Medical Informatics 2015; 10(1): 15-21. [PMCID: PMC4587048]

180. Albright D, Parker Oliver D, **Demiris G.** Reaction to Caregiving by Hospice Caregivers Upon Enrollment. American Journal of Hospice and Palliative Medicine 2015; 32(6): 641-646. [PMCID: PMC4484306]

179. Washington KT, Parker Oliver D, Gage LA, Albright DL, **Demiris G.** A multimethod analysis of shared decision-making in hospice interdisciplinary team meetings including family caregivers. Palliat Med. 2016;30(3):270-8. [PMCID: PMC4753099]

178. Zia JK, Le T, Munson S, Heitkemper MM, **Demiris G.** Download Alert: Understanding Gastroenterlogy Patients' Perspectives on Health-Related Smartphone Apps. Clinical and Translational Gastroenterology 2015; 6, e96; doi:10.1038/ctg.2015.25

177. Le T, Thompson H, **Demiris G**. A Comparison of Health Visualization Evaluation Techniques with Older Adults. IEEE Computer Graphics and Applications (In Press)

176. Chi NC, **Demiris G**, Lewis F, Walker A, Langer S. Behavioral and Educational Interventions to Support Family Caregivers in End-of-Life Care: A Systematic Review. American Journal of Hospice and Palliative Medicine (In Press)

175. 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 (In Press)

174. Lazar A, **Demiris G**, Thompson HJ. Evaluation of a multi-functional technology system in a memory care unit: Opportunities for innovation in dementia care. Informatics for Health and Social Care 2016; 41(4):373-86.

173. Chaudhuri S, Oudejans D, Thompson HJ, **Demiris G**. Real World Accuracy and Use of a Wearable Fall Detection Device by Older Adults. Journal of the American Geriatrics Society 2015;63(11):2415-2416. [PMCID: PMC4662041]

172. Joe J, Chaudhuri S, Le T, Thompson H, **Demiris G.** The Use of Think-Aloud and Instant Data Analysis in Evaluation Research: Exemplar and Lessons Learned. Journal of Biomedical Informatics 2015; 56:284-291. [PMCID: PMC4532606]

171. Lazar A, **Demiris G**, Thompson H. Involving Family Members in the Implementation and Evaluation of Technologies for Dementia: a Dyad Case Study. Journal of Gerontological Nursing 2015; 41(4):21-26. [PMCID:PMC4849526]

170. Washington KT, Pike KC, **Demiris G**, Oliver DP. Unique characteristics of informal hospice cancer caregiving. Support Care Cancer 2015; 23(7):2121-2128. [PMCID: PMC4449794]

169. Parker Oliver D, Washington K, Gage LA, **Demiris G**. The promise of secret Facebook groups for active family caregivers of hospice patients. Journal of Palliative Medicine 2014;17(11):1199-1200.

168. Joe J, Chaudhuri S, Chung J, Thompson H, **Demiris G**. Older adults' attitudes and preferences regarding a multifunctional wellness tool: a pilot study. Informatics for Health & Social Care 2015; 17:1-16.

167. Chung J, Chaudhuri S, Le T, Chi NC, Thompson HJ, **Demiris G**. The Use of a Think-Aloud to Evaluate a Navigation Structure for a Multimedia Health and Wellness Application for Older Adults and Their Caregivers. Educational Gerontology 2015; 41(12):916-929.

166. Washington KT, **Demiris G**, Pike KC, Kruse RL, Oliver DP. Anxiety among informal hospice caregivers: An exploratory study. Palliative & Supportive Care 2015; 13(3): 567-573. [PMCID:PMC4133335]

165. Le T, Aragon C, Thompson HJ, **Demiris G**. Elementary Graphical Perception for Older Adults: A Comparison with the General Population. Perception 2014;43(11):1249-1260.

164. Chi N, **Demiris G**. A Systematic Review of Telehealth Tools and Interventions to Support Family Caregivers. Journal of Telemedicine and Telecare 2015;21(1):37-44. [PMCID: PMC4486048]

163. Lazar A, Thompson H, **Demiris G**. A Systematic Review of the Use of Technology for Reminiscence Therapy. Health Education & Behavior 2014;41(1 Suppl):51s-61s.

162. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Swarz J, Rendo M. YouTube as a tool for pain management with informal caregivers of cancer patients: A systematic review. Journal of Pain and Symptom Management 2014;48(6):1200-1210. [PMCID:PMC4214907]

161. Parker Oliver D, Washington K, Wittenberg-Lyles E, Gage A, Mooney M, **Demiris G**. Lessons learned from a secret Facebook support group. Health & Social Work 2015; 40(2):125-133.

160. Le T, Reeder B, Yoo D, Aziz R, Thompson HJ, **Demiris G**. An Evaluation of Wellness Assessment Visualizations for Older Adults. Telemedicine Journal and e-Health 2015;21(1):9-15. [PMCID: PMC4298147]

159. Chung J, **Demiris G**, Thompson H. Instruments to Assess Mobility Limitation in Community - Dwelling Older Adults: A Systematic Review. Journal of Aging and Physical Activity 2015 ;23(2):298-313.

158. Parker Oliver D, Washington K, Kruse RL Albright DL, Lewis A, **Demiris G**. Hospice family members' perceptions and experiences with end-of-life care in the nursing home. Journal of the American Medical Directors Association 2014;15(10):744-750. [PMCID: PMC4177958]

157. Le T, Reeder B, Chung J, Thompson H, **Demiris G**. Design of Smart Home Sensor Visualizations for Older Adults. Technology and Health Care 2014;22(4):657-666.

156. Wittenberg-Lyles E, **Demiris G**, Oliver DP, Burchett M. Exploring aging-related stress among older spousal caregivers. Journal of Gerontological Nursing 2014;40(8):13-16. [PMCID: PMC4443706]

155. Le T, Chaudhuri S, Chung J, Thompson HJ, **Demiris G**. Tree Testing of Hierarchical Menu Structures for Health Applications. Journal of Biomedical Informatics 2014;49:198-205. [PMCID: PMC4058398]

154. Wittenberg-Lyles E, Washington K, **Demiris G**, Oliver DP, Shaunfield S. Understanding Social Support Burden Among Family Caregivers. Health Communication 2014;29(9):901-910. [PMCID: PMC402986]

153. Ostrander R, Thompson H, **Demiris G**. Using Targeted Messaging to Increase Physical Activity in Older Adults: A Review. Journal of Gerontological Nursing 2014;40(9):36-48.

152. Chung J, Reeder B, Lazar A, Joe J, **Demiris G**, Thompson H. Exploring an Informed Decision Making Framework Using In-Home Sensors: Older Adults' Perceptions. Informatics in Primary Care 2014;21(2):73-77.

151. Chaudhuri S, Thompson H, **Demiris G**. Fall Detection Devices and their Use with Older Adults: A Systematic Review. Journal of Geriatric Physical Therapy 2014;37(4):178-196. [PMCID: PMC4087103]

150. Reeder B, Chung J, Thai L, Thompson H, **Demiris G**. Assessing Older Adults' Perceptions of Sensor Data and Designing Visual Displays for Ambient Assisted Living Environments: An Exploratory Study. Methods of Information in Medicine 2014;53(3):152-159. [PMCID: PMC4082667]

149. Gell N, Rosenberg D, **Demiris G**, LaCroix A, Patel K. Patterns of technology use among older adults with and without disabilities. The Gerontologist 2015; 55(3):412-421. [PMCID: PMC4542705]

148. Washington KT, Wittenberg-Lyles E, Parker Oliver D, Baldwin PK, Tappana J, Wright JH, **Demiris G**. Rethinking family caregiving: Tailoring cognitive-behavior therapies to the hospice experience. Health & Social Work 2014;39(4):244-250. [PMCID: PMC4271108]

147. Shaunfield S, Wittenberg-Lyles E, Parker Oliver D, **Demiris G**. Virtual Fieldtrips for Long-Term Care Residents: A Feasibility Study. Activities, Adaptation & Aging 2014; 38(3):237-247.

146. Parker Oliver D, Albright DL, Kruse RL, Wittenberg-Lyles E, Washington K, **Demiris G**. Caregiver evaluation of the ACTIVE intervention: "It was like we were sitting at the table with everyone". American Journal of Hospice and Palliative Medicine 2014;31(4):444-453. [PMCID: PMC3770818]

145. Le T, Chaudhuri S, White C, Thompson HJ, **Demiris G**. Trust in Health Information Sources Differs between Young/Middle and Oldest Old. American Journal of Health Promotion 2014;28(4):239-41. [PMCID: PMC4061972]

144. Reeder B, Hills RA, Turner AM, **Demiris G**. Participatory Design of an Integrated Information System Design to Support Public Health Nurses and Nurse Managers. Public Health Nursing 2014;31(2):183-192. [PMCID: PMC4061981]

143. **Demiris G**, Parker Oliver D, Capurro D, Wittenberg-Lyles E. Implementation Science: Implications for Intervention Research in Hospice and Palliative Care. Gerontologist 2014;54(2):163-171. [PMCID: PMC3954415]

142. Wittenberg-Lyles E, Kruse RL, Parker Oliver D, **Demiris G**, Petroski G. Exploring the collective hospice caregiving experience. Journal of Palliative Medicine 2014;17(1):50-55. [PMCID: PMC3887433]

141. Baldwin PK, Wittenberg-Lyles E, Kruse RL, **Demiris G**, Parker Oliver D. Pain Management and the African American Hospice Caregiver: A Case Report. American Journal of Hospice and Palliative Care 2013;30(8):795-798. [PMCID: PMC3640733]

140. Huh J, Le T, Reeder B, Thompson HJ, **Demiris G**. Perspectives on Wellness Self-Monitoring Tools for Older Adults. International Journal of Medical Informatics 2013; 82(11):1092-1103. [PMCID: PMC3874863]

139. Wittenberg-Lyles E, Goldsmith J, Parker Oliver D, **Demiris G**, Kruse R, Van Stee S. Exploring Oral Literacy in Communication with Hospice Caregivers. Journal of Pain and Symptom Management 2013;46(5):731-736. [PMCID: PMC3695037]

138. Reeder B, Chung J, Lazar A, Joe J, **Demiris G**, Thompson H. Testing a Theory-Based Mobility Monitoring Protocol Using In-Home Sensors: A Feasibility Study. Research in Gerontological Nursing 2013; 6(4):253-263. [PMCID: PMC4099136]

137. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Gage A, Dewsnap-Dreisinger ML, Luetkemeyer J. Patient Safety Incidents in Hospice Care: Observations from Interdisciplinary Case Conferences. Journal of Palliative Medicine 2013; 16(12):1561-1567. [PMCID: PMC3868266]

136. Chaudhuri S, Le T, White C, Thompson H, **Demiris G.** Examining Health Information Seeking Behaviors of Older Adults. CIN: Computers, Informatics, Nursing 2013; 31(11):547-553. [PMCID: PMC4062544]

135. Parker Oliver D, Albright D, Washington K, Gage A, Mooney M, **Demiris G**. Hospice caregiver depression: The evidence surrounding the greatest pain of all. Journal of Social Work in End-of-Life and Palliative Care 2013; 9(4): 256-271. [PMCID: PMC3849709]

134. Parker Oliver D, Wittenberg-Lyles E, Washington K, Kruse R, Albright D, Baldwin P, Boxer A, **Demiris G**. Hospice caregivers' concerns with pain: "I'm not a doctor, and I don't know if I helped her go faster or slower." Journal of Pain and Symptom Management 2013; 46(6): 846-858. [PMCID: PMC3795892]

133. Albright DL, Kruse RL, Oliver DP, Washington K, Cagle J, **Demiris G.** Testing the Factorial Validity of Scores From the Caregiver Pain Medicine Questionnaire. Journal of Pain and Symptom Management 2014; 48(1):99-109. [PMCID: PMC4022713]

132. Davidson E, Simpson CR, **Demiris G**, Sheikh A, McKinstry B. Integrating Telehealth Care-Generated Data with the Family Practice Electronic Medical Record: Qualitative Exploration of the Views of Primary Care Staff. Interactive Journal of Medical Research 2013; 2(2):e29. [PMCID: PMC3869047]

131. **Demiris G**, Thompson H, Reeder B, Wilamowksa K, Zaslavsky O. Using Informatics to Capture Older Adults' Wellness. International Journal of Medical Informatics 2013;82(11):e232-241. [PMCID: PMC4061974]

130. Wittenberg-Lyles E, Goldsmith J, Oliver DP, **Demiris G**, Kruse RL, Van Stee S. Using medical words with family caregivers. Journal of Palliative Medicine 2013;16(9):1135-1139. [PMCID: PMC3776621]

129. Kelley M, **Demiris G**, Nguyen H, Parker Oliver D, Wittenberg-Lyles E. Informal Hospice Caregiver Pain Management Concerns: A Qualitative Study. Palliative Medicine 2013;27(7):673-682. [PMCID: PMC3950803]

128. Reeder B, Meyer E, Lazar A, Chaudhuri S, Thompson HJ, **Demiris G**. Framing the evidence for health smart homes and home-based consumer health technologies as a public health intervention for independent aging: a systematic review. International Journal of Medical Informatics 2013;82(7):565-579. [PMCID: PMC3740158]

127. Edison KE, Fleming DA, Nieman EL, Stine K, Chance L, **Demiris G**. Content and Style Comparison of Physician Communication in Teledermatology and In-Person Visits. Telemedicine Journal and E-Health 2013;19(7): 509-514.
126. Wilamowska K, Le T, **Demiris G**, Thompson H. Using Commercially Available Tools for Multifaceted Health Assessment: Data Integration Lessons Learned. Computers Informatics Nursing 2013;31(7):329-334. [PMCID: PMC3723774]
125. Joe J, **Demiris G**. Older Adults and Mobile Phones for Health: A Review. Journal of Biomedical Informatics 2013;46(5):947-954. [PMCID: PMC3836587]
124. Le T, Reeder B, Thompson HJ, **Demiris G**. Health Providers' Perceptions of Novel Approaches to Visualizing Integrated Health Information. Methods of Information in Medicine 2013; 52(3):250-258. [PMCID: PMC4062540]
123. Reeder B, **Demiris G**, Marek K. Older Adults' Satisfaction with a Medication Dispensing Device in Home Care. Informatics for Health and Social Care 2013;38(3):211-222. [PMCID: PMC4122419]
122. **Demiris G**, Parker Oliver D, Kruse RL, Wittenberg-Lyles E. Telehealth Group Interactions in the Hospice Setting: Assessing Technical Quality across Platforms. Telemedicine Journal and e-Health 2013; 19(4):235-240. [PMCID: PMC3621258]
121. Kruse RL, Parker Oliver D, Wittenberg-Lyles E, **Demiris G.** Conducting the ACTIVE Randomized Trial in Hospice Care: Keys to Success. Clinical Trials 2013;10(1):160-169. [PMCID: PMC3554844]
120. Washington KT, Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Shaunfield S, Crumb E. Application of the VALUE Communication Principles in ACTIVE Hospice Team Meetings. Journal of Palliative Medicine 2013;16(1):60-66. [PMCID: PMC3546416]
119. **Demiris G**, Thompson H, Boquet J, Le T, Chaudhuri S, Chung J. Older Adults' Acceptance of a Community Based Telehealth Wellness System. Informatics for Health and Social Care 2013;38(1):27-36. [PMCID: PMC4062541]
118. Wittenberg-Lyles E, Oliver DP, Kruse RL, **Demiris G**, Gage LA, Wagner K. Family Caregiver Participation in Hospice Interdisciplinary Team Meetings: How Does It Affect the Nature and Content of Communication? Health Communication 2013;28(2):110-118. [PMCID: PMC3382048]
117. Le T, Wilamowska K, **Demiris G,** Thompson H. Integrated data visualisation: an approach to capture older adults' wellness. International Journal of Electronic Healthcare 2012;7(2):89-104. [PMCID: PMC3668565]
116. Wittenberg Lyles E, Goldsmith J, Parker Oliver D, **Demiris G**, Rankin A. Targeting communication interventions to decrease oncology family caregiver burden. Seminars in Oncology Nursing 2012;28(4):262-270. [PMCID: PMC3489276]
115. **Demiris G**, Thompson H. Mobilizing Older Adults: Harnessing the Potential of Smart Home Technologies. Yearb Med Inform 2012;7(1):94-99.
114. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Washington K, Doorenbos A, Rue T, Berry D. A Noninferiority Trial of a Problem Solving Intervention for Hospice Caregivers: In Person Vs Videophone. Journal of Palliative Medicine 2012; 15(6): 653-660. [PMCID: PMC3362957]
113. Wittenberg-Lyles E**,** Parker Oliver D, **Demiris G**, Rankin A, Shaunfield S, Kruse R. Conveying empathy to hospice family caregivers: Team responses to caregiver empathic communication. Patient Education and Counseling 2012;89(1):31-37. [PMCID: PMC3414649]
112. Wittenberg-Lyles E, Shaunfield S, Parker Oliver D, **Demiris G**, Schneider G. Assessing the readiness of hospice volunteers to utilize technology. American Journal of Hospice and Palliative Medicine 2012;29(6):476-482.
111. Parker Oliver D, Washington K, **Demiris G**, Wittenberg-Lyles E, Novak H. Problem solving interventions: an opportunity for hospice social workers to better meet caregiver needs. Journal of Social Work in End of Life and Palliative Care 2012;8(1):3-9. [PMCID: PMC3310883]

110. Wittenberg-Lyles E, Goldsmith J, **Demiris G**, Parker Oliver D, Stone J. The Impact of Family Communication Patterns on Hospice Family Caregivers: A New Typology. Journal of Hospice and Palliative Nursing 2012;14(1):25-33. [PMCID: PMC3269241]

109. Haozous E, Doorenbos A, **Demiris G**, Eaton L, Towle C, Kundu A. Role of telehealth/videoconferencing in managing cancer pain in rural American Indian communities. Psycho-Oncology 2012;21(2):219-223. [PMCID: PMC3193883]

108. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Washington K, Day T, Novak H. A Systematic Review of the Evidence Base for Telehospice. Telemedicine and e-Health 2012;18(1):38-47. [PMCID: PMC3306588]

107. Wittenberg-Lyles E, **Demiris G**, Ferrell B, Shaunfield S. Volunteers as facilitators of communication about pain: A feasibility study. Research on Aging 2012;34(2):246-253.

106. Washington KT, **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Crumb E. Qualitative evaluation of a problem solving intervention for informal hospice caregivers. Palliative Medicine 2012;26(8):1018-1024. [PMCID: PMC3562496]

105. Wittenberg-Lyles E, **Demiris G**, Parker Oliver D, Washington K, Burt S, Shaunfield S. Stress variances among informal hospice caregivers. Qualitative Health Research 2012;22(8):1114-25. [PMCID: PMC3559181]

104. Zaslavsky O, Thompson HJ, **Demiris G.** The role of emerging information technologies in frailty assessment. Research in Gerontological Nursing 2012;5(3):216-28.

103. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Shaunfield S. It lets them see what's out there: The benefits and challenges of the Passport broadcast intervention in long-term care. Educational Gerontology 2012;38(10):691-698.

102. Thielke S, Harniss M, Thompson H, Patel S, **Demiris G**. Johnson K. Maslow's Hierarchy of Human Needs and the Adoption of Health Related Technologies for Older Adults. Ageing International 2012;37(4):470-488.

101. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E. Technologies to Support End of Life Care. Seminars in Oncology Nursing 2011;27(3):211-217. [PMCID: PMC3143374]

100. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Cunningham C. Sharing atrocity stories in hospice: A study of niceness message strategies in interdisciplinary team meetings. Progress in Palliative Care 2011;19(4):172-176. [PMCID: PMC3167176]

99. **Demiris G,** Thompson H. Smart Homes and Ambient Assisted Living Applications: From Data to Knowledge-Empowering or Overwhelming Older Adults? Yearbook of Medical Informatics 2011;6(1):51-57.

98. Reeder B, Hills RA, **Demiris G**, Revere D, Pina J. Reusable design: a proposed approach to Public Health Informatics system design. BMC Public Health 2011;11:116. [PMCID: PMC3053242]

97. Boquet JR, Parker Oliver D, Wittenberg-Lyles E, Doorenbos AZ, **Demiris G**. Taking Care of a Dying Grandparent: Case Studies of Grandchildren in the Hospice Caregiver Role. American Journal of Hospice and Palliative Care 2011; 28(8): 564-568. [PMCID: PMC4420153]

96. Thompson HJ, **Demiris G**, Rue T, Shatil E, Wilamowska K, Zaslavsky O, Reeder B. A Holistic Approach to Assess Older Adults' Wellness Using e-Health Technologies. Telemedicine and e-Health 2011; 17(10): 794-800. [PMCID: PMC3228591]

95. Agmon M, Perry C, Phelan E, **Demiris G**, Nguyen HQ. A pilot study of Wii Fit to improve balance in older adults. Journal of Geriatric Physical Therapy 2011;34(4):161-167.

94. Doorenbos AZ, Kundu A, Eaton L, **Demiris G**, Haozous EA, Towle C, Buchwald D. Enhancing Access to Cancer Education for Rural Health Care Providers via Telehealth. Journal of Cancer Education 2011; *26:* 682-686. [PMCID: PMC3199344]

93. Baldwin PK, Wittenberg-Lyles E, Parker Oliver D, **Demiris G**. An Evaluation of Interdisciplinary Team Training in Hospice Care. The Journal of Hospice and Palliative Nursing 2011; 13(3):172-182.

92. Washington K, Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Shaunfield S. Family Perspectives on the Hospice Experience in Adult Family Homes. Journal of Gerontological Social Work 2011; 54(2): 159-174. [PMCID: PMC3023972]

91. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Washington K. Use of Videophones to Deliver a Cognitive-Behavioural Therapy to Hospice Caregivers. Journal of Telemedicine and Telecare 2011; 17:142-145. [PMCID: PMC3093969]

90. **Demiris G**, Wittenberg-Lyles E, Parker Oliver D, Washington K. Delivering a Psycho-educational intervention to Hispanic Hospice Informal Caregivers. Palliative Medicine 2011; 25(2):185-6. [PMCID: PMC4442794]

89. Wittenberg-Lyles E, **Demiris G**, Parker Oliver D, Burt S. Reciprocal Suffering: Caregiver Concerns During Hospice Care. Journal of Pain and Symptom Management 2011; 41(2): 383-393. [PMCID: PMC3053049]

88. Doorenbos AZ, **Demiris G**, Towle C, Kundu A, Revels L, Colven R, Norris TE, Buchwald D. Developing the Native People for Cancer Control Telehealth Network. Telemedicine and e-Health 2011; 17: 30-34. [PMCID: PMC3064879]

87. Doorenbos AZ, Lindhorst T, Schim S, **Demiris G**, Van Schaik E, Wechkin H, Curtis JR. Development of a web-based educational intervention to improve cross-cultural communication among hospice providers. Journal of Social Work in End-of-Life and Palliative Care 2010; 6:236-255. [PMCID: PMC3059132]

86. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Porock D. The use of Videophones for Patient and Family Participation in Hospice Interdisciplinary Team Meetings: A Promising Approach. European Journal of Cancer Care 2010; 19: 729-735. [PMCID: PMC2891692]

85. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Porock D, Collier J, Arthur A. Caregiver Participation in Hospice Interdisciplinary Team Meetings via Videophone Technology: A Pilot Study to Improve Pain Management. American Journal of Hospice and Palliative Care 2010; 27(7): 465-473. [PMCID: PMC2890035]

84. **Demiris G**, Parker Oliver D, Washington K, Thomas Fruehling L, Haggarty-Robbins D, Doorenbos A, Wechkin H, Berry D. A Problem Solving Intervention for Hospice Caregivers: A Pilot Study. Journal of Palliative Medicine 2010; 13 (8): 1005-1011. [PMCID: PMC2964357]

83. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Washington K, Porock D. Recruitment Challenges and Strategies in a Home-based Telehealth Study. Telemedicine and e-Health 2010; 16 (7): 839-843. [PMCID: PMC2992400]

82. **Demiris G**, Charness N, Krupinski E, Ben-Arieh D, Washington K, Wu J, Farberow B. The role of human factors in telehealth. Telemedicine and e-health 2010; 16(4): 446-453.

81. Parker Oliver D, **Demiris G**. Comparing face to face and telehealth mediated delivery of a psychoeducational intervention: A case comparison study in hospice. Telemedicine and e-Health 2010; 16(6): 751-753. [PMCID: PMC2930881]

80. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Regehr K. Interdisciplinary collaboration in hospice team meetings. Journal of Interprofessional Care 2010; 24(3):264-273. [PMCID: PMC2854854]

79. Reeder B, Turner A, **Demiris G**. Use of Technology to Support Information Needs for Continuity of Operations Planning in Public Health: A Systematic Review. Online Journal of Public Health Informatics 2010; 2(1). [PMCID: PMC3615754]

78. Parker Oliver D, Wittenberg-Lyles E, **Demiris G**, Oliver D. Giving Long Term Care Residents a Passport to the World with the Internet. Journal of Nursing Care Quality 2010; 25(3):193-197.

77. Wittenberg-Lyles E, Oliver DP, **Demiris G**, Burt S, Regehr K. Inviting the absent members: examining how caregivers' participation affects hospice team communication. Palliative Medicine 2010;24(2):192-195.

76. Mantas J, Ammenwerth E, **Demiris G**, Hasman A, Haux R, Hersh W, Hovenga E, Lun KC, Marin H, Martin-Sanchez F, Wright G. Recommendations of the International

Medical Informatics Association (IMIA) on Education in Biomedical and Health Informatics, First Revision. Methods of Information in Medicine 2010; 49(2):105-120.

75. Reeder B, **Demiris G**. Building the PHARAOH Framework using Scenario-Based Design: A Set of Pandemic Decision-Making Scenarios for Continuity of Operations in a Large Municipal Public Health Agency. Journal of Medical Systems 2010; 34(4):735-739. [PMCID: PMC3676540]

74. **Demiris G**, Zierler BK. Integrating Problem Based Learning in a Nursing Informatics Curriculum. Nurse Education Today 2010;30(2):175-179.

73. Parker Oliver D, Wittenberg Lyles E, **Demiris G**, Tatum P, Regehr K, Burt S. The role of the hospice medical director as observed in interdisciplinary team case reviews. Journal of Palliative Medicine 2010; 13(3):279-284. [PMCID: PMC2883496]

72. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Baldwin P. The ACTive intervention in hospice interdisciplinary team meetings: Exploring family caregiver and hospice team communication. Journal of Computer-Mediated Communication 2010; 15(3), 465-48. [PMCID: PMC2882300]

71. Wittenberg-Lyles EM, Parker Oliver D, **Demiris G,** Washington K, Regehr K, Wilder HM. Question asking by family caregivers in hospice interdisciplinary team meetings. Research in Gerontological Nursing 2010; 3(2): 82-88. [PMCID: PMC2860630]

70. **Demiris G**, Doorenbos AZ, Towle C. Ethical Considerations Regarding the Use of Technology for Older Adults: The Case of Telehealth. Research in Gerontological Nursing 2009; 2(2): 128-136.

69. Wittenberg-Lyles EM, Parker Oliver D, **Demiris G**, Regehr K. Exploring interpersonal communication in hospice interdisciplinary team meetings. Journal of Gerontological Nursing 2009;35(7):38-45. [PMCID: PMC2727068]

68. **Demiris G**, Parker Oliver D, Giger J, Skubic M, Rantz M. Older adults' privacy considerations for vision based recognition methods of eldercare applications. Technology and Health Care 2009; 17(1): 41-48.

67. Parker Oliver D, Washington KT, Wittenberg-Lyles E, **Demiris G**, Porock D. They're Part of the Team: Participant Evaluation of the ACTIVE Intervention. Palliative Medicine 2009; 23(6): 549-555. [PMCID: PMC2721906]

66. Hensel BK, Parker Oliver D, **Demiris G**, Rantz M. A Comparison of Video-based Resident-Family Communication in a Nursing Home and a Congregate Living Facility. Journal of the American Medical Directors Association 2009;10(5):342-347.

65. Wittenberg-Lyles E, Gee GC, Parker Oliver D, **Demiris G**. What Patients and Families Don't Hear: Backstage Communication in Hospice Interdisciplinary Team Meetings. Journal of Housing for the Elderly 2009; 23: 92-105. [PMCID: PMC2728239]

64. **Demiris G**, Hensel BK. "Smart Homes" for Patients at the End of Life. Journal of Housing for the Elderly 2009; 23: 106-115.

63. Washington KT, **Demiris G**, Parker Oliver D, Day M. Telehospice acceptance among providers: A multidisciplinary comparison. American Journal of Hospice and Palliative Medicine 2009; 25(6): 452-457.

62. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E. Assessing Caregivers for Team Interventions (ACT): A New Paradigm for Comprehensive Hospice Quality Care. American Journal of Hospice and Palliative Medicine 2009;26(2):128-134. [PMCID: PMC2666779]

61. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Baldwin P, Regehr K. Communication dynamics in hospice teams: Understanding the role of the Chaplain in interdisciplinary team collaboration. Journal of Palliative Medicine 2008; 11(10): 1330-1335.

60. Wilder H, Parker Oliver D, **Demiris G**, Washington K. Informal Hospice Caregiving: The Toll on Quality of Life Journal of Social Work in End of Life and Palliative Care 2008; 4(4):312-332. [PMCID: PMC2749275]

59. Arsand E, **Demiris G**. User-centered methods for designing patient-centric self-help tools. Informatics for Health and Social Care 2008; 33(3): 158-169.

58. Botsis T, **Demiris G**, Pedersen S, Hartvigsen G. Home telecare technologies for the elderly. Journal of Telemedicine and Telecare 2008; 14(7): 333-337.

57. **Demiris G**, Washington K, Doorenbos A, Parker Oliver D, Wittenberg-Lyles E. Use of the Time, Interaction and Performance Theory to Study Hospice Interdisciplinary Team Meetings. Journal of Hospice and Palliative Nursing 2008; 10(6): 376-381. [PMCID: PMC2681325]

56. Courtney KL, **Demiris G**, Rantz M, Skubic M. Needing Smart Home Technologies: The Perspectives of Older Adults in Continuing Care Retirement Communities. Informatics in Primary Care 2008; 16(3): 195-201.

55. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Petty B, Day M. Caregiver Involvement in Hospice Interdisciplinary Team Meetings: A Case Study. Journal of Palliative Care 2008;24(4):277-279. [PMCID: PMC2675180]

54. Rantz MJ, Porter R, Cheshie D, Otto D, Servey CH, Johnson RA, Skubic M, Tyrer H, He Z, **Demiris G**, Lee J, Alexander G, Taylor G. TigerPlace, a state-academic-private project to revolutionize traditional long term care. Journal of Housing for the Elderly 2008; 22(1/2): 66-85. [PMCID: PMC3091822]

53. **Demiris G**, Parker Oliver D, Dickey G, Skubic M, Rantz M. Findings from a Participatory Evaluation of a Smart Home Application for Older Adults. Technology and Health Care 2008; 16(2):111-118.

52. **Demiris G**, Parker Oliver D, Hensel B, Dickey G, Rantz M, Skubic M. Use of Videophones for Distant Caregiving: an enriching experience for families and residents in Long-Term Care. Journal of Gerontological Nursing 2008; 34(7):50-55.

51. **Demiris G,** Wittenberg-Lyles E, Parker Oliver D, Courtney KL. A survey on the use of technology to support hospice interdisciplinary team meetings. International Journal of Electronic Healthcare 2008; 4(3/4):244-256.

50. **Demiris G,** Hensel BK. Technologies for an Aging Society: A Systematic Review of "Smart Home" Applications. Methods of Information in Medicine 2008; 47 (Suppl. 1- International Medical Informatics Association Yearbook 2008):33-40.

49. **Demiris G**, Washington K, Parker Oliver D, Wittenberg-Lyles E. A Study of Information Flow in Hospice Interdisciplinary Team meetings. Journal of Interprofessional Care 2008; 22(6): 621-629. [PMCID: PMC2680071]

48. **Demiris G**, Hensel BK, Skubic M, Rantz M. Senior residents' perceived need of and preferences for "smart home" sensor technologies. International Journal of Technology Assessment in Health Care 2008; 24(1): 120-124.

47. **Demiris G**, Afrin LB, Speedie S, Courtney KL, Sondhi M, Vimarlund V, Lovis C, Goossen W, Lynch C. Patient-centered applications: use of information technology to promote disease management and wellness: A White Paper by the AMIA Knowledge in Motion Working Group. Journal of the American Medical Informatics Association 2008; 15(1):8-13. [PMCID: PMC2274880]

46. Courtney KL, Alexander G, **Demiris G.** Information technology from novice to expert: implementation implications. Journal of Nursing Management 2008; 16(6): 692-699. [PMCID: PMC4389627]

45. Parker Oliver D, Wittenberg-Lyles E, **Demiris G**, Washington K, Porock D, Day M. Barriers to Pain Management: Caregivers Perception and Pain Talk by Hospice Interdisciplinary Teams. Journal of Pain and Symptom Management 2008;36(4): 374-382. [PMCID: PMC2581443]

44. Washington K, **Demiris G**, Parker Oliver D, Day M. Home Internet Use among Hospice Service Recipients: Recommendations for Web based Interventions. Journal of Medical Systems 2007; 31: 385-389.

43. **Demiris G**, Parker Oliver D, Courtney KL, Day M. Use of Telehospice Tools for Senior Caregivers: A Pilot Study. Clinical Gerontologist 2007; 31(1): 43-57.

42. **Demiris G**, Courtney KL, Meyer W. Current status and perceived needs of Information Technology in Critical Access Hospitals: a survey study. Informatics in Primary Care 2007; 15(1): 45-51.

41. Courtney KL, **Demiris G**, Hensel BK. Obtrusiveness of Information-based Assistive Technologies as Perceived by Older Adults in Residential Care Facilities: a Secondary Analysis. Medical Informatics and the Internet in Medicine 2007; 32(3):241-249.

40. Hensel BK, Parker Oliver D, **Demiris G**. Videophone Communication between Residents and Family: A Case Study. Journal of the American Medical Directors Association 2007; 8(2): 123-127.

39. **Demiris G**. Interdisciplinary Innovations in Biomedical and Health Informatics Graduate Education. Methods of Information in Medicine 2007;46(1):63-66.

38. Wittenberg-Lyles EM, Parker Oliver D, **Demiris G**, Courtney KL. Assessing the Nature and Process of Hospice Interdisciplinary Team Meetings. Journal of Hospice & Palliative Nursing 2007; 9(1):17-21.

37. Willis L, **Demiris G**, Parker Oliver DR. Internet Use by Hospice Families and Providers: A Systematic Review. Journal of Medical Systems 2007;31(2):97-101.

36. Day M, **Demiris G**, Parker Oliver DR, Courtney KL, Hensel B. Exploring Underutilization of Videophones in Hospice Settings. Telemedicine and e-health 2007; 13 (1): 25-31.

35. Hensel BK, **Demiris G**, Courtney KL. Defining Obtrusiveness in Home Telehealth Technologies: A Conceptual Framework. Journal of the American Medical Informatics Association 2006; 13(4): 428-431. [PMCID: PMC1513674]

34. Parker Oliver DR, **Demiris G**, Hensel BK. A promising technology to reduce social isolation of nursing home residents. Journal of Nursing Care Quality 2006; 21(4): 302-305.

33. **Demiris G**, Parker Oliver DR, Courtney K. A study of the suitability of videophones for psychometric assessment. Behaviour and Information Technology 2006; 25(3): 233-237.

32. Schopp LH, **Demiris G**, Glueckauf RL. Rural Backwaters or Frontrunners? Rural Telehealth in the Vanguard of Psychology Practice. Professional Psychology: Research & Practice 2006; 37(2): 165-173.

31. **Demiris G.** The Diffusion of Virtual Communities in Health Care: Concepts and Challenges. Patient Education and Counseling 2006; 62(2):178-188.

30. **Demiris G**. Principles of survey development for telemedicine applications. Journal of Telemedicine and Telecare 2006;12(3):111-115.

29. Parker Oliver D, **Demiris G**. Social Work Informatics: A New Specialty. Social Work 2006; 51(2): 127-134.

28. **Demiris G**, Parker Oliver DR, Courtney KL. Ethical Considerations for the Utilization of Telehealth Technologies in Home and Hospice Care by the Nursing Profession. Nursing Administration Quarterly 2006; 30(1):56-66.

27. Parker Oliver DR, **Demiris G**, Day M, Courtney KL, Porock D. Tele-hospice support for elder caregivers of hospice patients: two case studies. Journal of Palliative Medicine 2006;9(2):264-267.

26. **Demiris G**, Parker Oliver DR, Courtney KL, Porock D. Use of Technology as a Support Mechanism for Caregivers of Hospice Patients. Journal of Palliative Care 2005; 21(4): 303-309.

25. Parker Oliver D, Porock D, **Demiris G**, Courtney K. Patient and Family Involvement in Hospice Interdisciplinary Teams. Journal of Palliative Care 2005; 21(4): 270-276.

24. Parker Oliver D, **Demiris G**, Porock D. The of videophones for seniors and hospice providers: A brief report of two studies. Computers in Biology and Medicine 2005; 35(9): 782-790.

23. Courtney KL, **Demiris G**, Alexander G. Information technology: Changing nursing processes at the point-of-care. Nursing Administration Quarterly 2005; 29(4):315-322.

22. Courtney KL, **Demiris G**, Parker Oliver D, Porock D. Conversion of the CQLI to an interview instrument-Research In Brief. European Journal of Cancer Care 2005; 14(5): 463-464.

21. **Demiris G**, Edison K, Vijaykumar S. A comparison of communication models of traditional and video-mediated health care delivery. International Journal of Medical Informatics 2005; 74(10): 851-856.
20. **Demiris G**, Tao D. An analysis of specialized scientific literature in the field of telemedicine. Journal of Telemedicine and Telecare 2005; 11(6): 316-319.
19. **Demiris G,** Shigaki C, Schopp LH. An Evaluation Framework for a Rural Home-Based Telerehabilitation Network. Journal of Medical Systems 2005; 29(6): 595-603.
18. Rantz MJ, Marek KD, Aud M, Tyrer HW, Skubic M, **Demiris G**, Hassam A. A technology and nursing collaboration to help older adults age in place. Nursing Outlook 2005; 53(1):40-45.
17. **Demiris G**, Rantz M, Aud M, Marek K, Tyrer H, Skubic M, Hassam A. Older adults' attitudes towards and perceptions of "smart home" technologies. Medical Informatics and the Internet in Medicine 2004; 29(2): 87-94.
16. **Demiris G**, Patrick TB, Boren SA. Assessing Patient Safety Awareness and Needs in Rural Hospitals in one US State. Informatics in Primary Care 2004; 12(3): 157-162.
15. **Demiris G**, Patrick TB, Mitchell JA, Waldren S. To Telemedically Err is Human. The Joint Commission Journal on Quality and Safety 2004; 30(9):521-527.
14. **Demiris G.** Electronic Home Healthcare: Concepts and Challenges. International Journal of Electronic Healthcare 2004; 1(1): 4-16.
13. Finkelstein SM, Speedie SM, **Demiris G**, Veen M, Lundgren J, Potthoff S. Telehomecare: Quality, perception, satisfaction. Telemedicine Journal and e-health 2004; 10(2):122-128.
12. Parker Oliver D, **Demiris G.** An assessment of the readiness of hospice organizations to accept technological innovation. Journal of Telemedicine and Telecare 2004; 10(3): 170-174.
11. **Demiris G,** Speedie SM, Hicks LL. Assessment of Patients' Acceptance of and Satisfaction with Teledermatology. Journal of Medical Systems 2004; 28(6): 575-579.
10. **Demiris G,** Parker Oliver D, Fleming DA, Edison K. Hospice Staff Attitudes towards "Telehospice." American Journal of Hospice and Palliative Care 2004; 21(5):343-347.
9.   **Demiris G**, Edison K, Schopp L. Shaping the Future: Trends and Expectations of Telehealth Professionals. Telemedicine Journal and e-health 2004; 10 (Suppl. 2): 60-63.
8.   Patrick TB, **Demiris G**, Folk LC, Moxley DE, Mitchell JA, Tao D. *Evidence-Based Retrieval in Evidence-Based Medicine*. Journal of the Medical Library Association 2004; 92(2): 196-199. [PMCID: PMC385300]
7.   **Demiris G**, Speedie S, Finkelstein S, Harris I. Communication patterns and technical quality of virtual visits in home care. *Journal of Telemedicine and Telecare* 2003; 9(4):210-215.
6.   **Demiris G**. Integration of Telemedicine in Graduate Medical Informatics Education. *Journal of the American Medical informatics Association* 2003; 10(4): 310-314. [PMCID: PMC181980]
5.   **Demiris G.** Introducing Telemedicine within a Health Informatics curriculum *Academic Exchange Quarterly* 2002; Vol. 6(3):5-11
4.   **Demiris G**, Finkelstein S, Speedie S. Considerations for the design of a web-based clinical monitoring and educational system for elderly patients. *Journal of the American Medical Informatics Association* 2001;8 (5): 468-472. [PMCID: PMC131044]
3.   Finkelstein S, Speedie S, Lundgren JM, **Demiris G**, Ideker M. TeleHomeCare: Virtual visits from the patient home. *Home Health Care Management and Practice* 2001; 13:219-226
2.   **Demiris G**, Speedie S, Finkelstein S. Change of patients' perception of telehomecare. *Telemedicine Journal and e-Health* 2001; 7(3):241-248.
1.   **Demiris G**, Speedie S, Finkelstein S. A questionnaire for the assessment of patients' impressions of the risks and benefits of home telecare. *Journal of Telemedicine and Telecare* 2000; Vol.6 (5):278-284.

Peer Reviewed Conference papers

30. **Demiris G**, Thompson G, Lazar A, Lin SY. Evaluation of a Digital Companion for Older Adults with Mild Cognitive Impairment. AMIA Annu Symp Proc. 2016:496-503. [PMCID:PMC5333281]

29. Lazar A, Thompson HJ, Piper AM, **Demiris G**. Rethinking the Design of Robotic Pets for Older Adults. Proceedings of the 2016 ACM Conference on Designing Interactive Systems (DIS), p. 1034-1046.

28. Turner AM, Osterhage K, Hartzler AL, Joe J, Lin L, Kanagat N, **Demiris G.** Use of Patient Portals for Personal Health Information Management: The Older Adult Perspective. AMIA Annu Symp Proc. 2015:1234-41.

27. Reeder B, **Demiris G**, Thompson H. Smart Built Environments and Independent Living: A Public Health Perspective. In C. Bodine, S. Helal, T. Gu & M. Mokhtari (Eds.), *Smart Homes and Health Telematics* Springer International Publishing. 2015; 8456: 219-224.

26. Lazar A, Thompson H, **Demiris G.** Considerations in Evaluating Technologies in Memory Care Units. Human Aspects of IT for the Aged Population. Design for Everyday Life. Volume 9194 of the series Lecture notes in Computer Science 2015, pp. 114-122. Proceedings of the First International Conference, ITAP 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015.

25. Lazar A, Thompson H, **Demiris G.** Addressing Empathy During Research in Memory Care Units. CHI 2014 Conference on Human Factors in Computing Systems; Workshop on Enabling Empathy in Health and Care: Design Methods and Challenges, 2014, Toronto, Canada.

24. Jaspers MW, **Demiris G**, Facelli JC, Gatewood L, Hoerbst A, Li J, Pfeifer D, Wetter T. International collaborations in health informatics education: globalizing health and biomedical informatics curricula. Stud Health Technol Inform. 2013;192:1249.

23. Le T, Thompson H, **Demiris G**. An examination of electronic health information privacy in older adults. Stud Health Technol Inform. 2013;192:709-13.

22. Reeder B, Le T, Thompson HJ, **Demiris G**. Comparing information needs of health care providers and older adults: findings from a wellness study. Stud Health Technol Inform. 2013;192:18-22.

21. Reeder B, Zaslavksy O, Wilamowska KM, **Demiris G**, Thompson HJ. Modeling the Oldest Old: Personas to Design Technology-Based Solutions for Older Adults. AMIA Annu Symp Proc. 2011; 1166-1175. [PMCID: PMC3243168]

20. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Washington K. Video-mediated Communication in Hospice Interdisciplinary Team Meetings: Examining Technical Quality and Content. AMIA Annu Symp Proc. 2009; 135–139. [PMCID: PMC2815404]
    Paper presented at AMIA 2009 Annual Symposium, San Francisco CA, November 2009

19. **Demiris G**. Privacy and Social Implications of Distinct Sensing Approaches to Implementing Smart homes for Older Adults. Conf Proc IEEE Eng Med Biol Soc 2009;1:4311-4314.
    Paper presented at the 31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (Minneapolis, MN, September 2009)

18. **Demiris G**. Independence and Shared Decision Making: The Role of Smart Home Technology in Empowering Older Adults. Conf Proc IEEE Eng Med Biol Soc 2009;1:6432-6436.
    Paper presented at the 31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (Minneapolis, MN, September 2009)

17. **Demiris G**, Courtney KL, Skubic M, Rantz M. An Evaluation Protocol of a Smart Home Application for Older Adults. International Conference Addressing Information Technology and Communications in Health (ITCH), Victoria, BC, Canada (Feb. 2007), Proceedings 2007, p. 319-323.

16. Courtney KL, **Demiris G**. Accessing Embedded Clinical Knowledge for Informatics Research Using Qualitative Methods. International Conference Addressing Information Technology and Communications in Health (ITCH), Victoria, BC, Canada (Feb. 2007), Proceedings 2007, p.111-116.

15. **Demiris G**, Skubic M, Rantz M, Keller J, Aud M, Hensel B, He Z. Smart Home Sensors for the Elderly: A Model for Participatory Formative Evaluation. IEEE EMBS International Special Topic Conference on Information Technology in Biomedicine. (Ioannina Greece, October 26-28, 2006) Proceedings, p.1-4

14. Tyrer HW, Alwan M, **Demiris G**, He Z, Keller J, Skubic M, Rantz M. Technology for Successful Aging. Conf Proc IEEE Eng Med Biol Soc 2006;1:3290-3293.
    Paper presentation at the 28th IEEE EMBS Annual International Conference 2006, New York City, USA, Aug 30-Sept 3, 2006

13. Courtney KL, **Demiris G**, Rantz MJ, Skubic M. Decision Factors for Participation in Smart Home Technology Research in a Residential Care Setting: A Single Subject Case Study. Proceedings of the International Congress of the European Federation of Medical Informatics (MIE Maastricht, Netherlands, August 2006), Hasman A et al. (Eds.) *Ubiquity: Technologies for Better Health in Aging Societies*. IOS Press 2006, p. 379-384

12. **Demiris G**, Skubic M, Rantz MJ, Courtney KL, Aud MA, Tyrer HW, He Z, Lee J. Facilitating interdisciplinary design specification of "smart homes" for aging in place. Stud Health Technol Inform 2006;124:45-50.
    Proceedings of the International Congress of the European Federation of Medical Informatics (MIE Maastricht, Netherlands, August 2006), Hasman A et al. (Eds.) *Ubiquity: Technologies for Better Health in Aging Societies*. IOS Press 2006

11. **Demiris G**, Skubic M, Keller J, Rantz MJ, Oliver Parker D, Aud MA, Lee J, Burks K, Green N. Nurse Participation in the design of user interfaces for a smart home system. Proceedings of the 4th International Conference on Smart Homes and Health Telematics Proceedings (Belfast, UK 2006) IOS Press 2006; p. 66-73.

10. **Demiris G**, Courtney KL, Waldren SE. Users' Needs and Expectations of Electronic Medical Record Systems in Family Medicine Residence Settings. In: Engelbrecht R, Geissbuhler A, Lovis C, Mihalas G. (Eds) Connecting Medical Informatics and Biomedical Informatics; Proceedings of Medical Informatics Europe (MIE) 2005; Studies in Health Technology and Informatics 2005; Vol. 116, p.65-70

9. Courtney KL, **Demiris G**, Craven CK, Oliver DR, Porock D. Exploring Electronic Conversion of Behavioral Instruments for Telehealth. In: Engelbrecht R, Geissbuhler A, Lovis C, Mihalas G. (Eds) Connecting Medical Informatics and Biomedical Informatics; Proceedings of Medical Informatics Europe (MIE) 2005; Studies in Health Technology and Informatics 2005; Vol. 116, p.305-310

8. **Demiris G**, Rantz MJ, Aud MA, Tyrer HW, Skubic M. Home based e-health Technologies for Seniors: A needs assessment study. Proceedings of the 2nd International Conference on Information Communication technologies in Health, Samos-Greece 2004, p. 79-83

7. **Demiris G**, Oliver D, Fleming DA, Edison K. Use of Telemedicine Technologies for Hospice Patients. International Conference on Information Communication technologies in Health 2003 Proceedings p. 23-26

6. **Demiris G.** *The Introduction of e-Health in Medical Education*. Fourth International Conference on Information Communication Technologies in Education 2003 Proceedings p. 151-157

5. **Demiris G.** Utilizing Telemedicine Technologies for Patients at the End-of-Life. *FICOSSER (Federation for International Cooperation in Health Services Research) Conference Proceedings* 2002

4. **Demiris G.** The W3E Guidelines for medical web applications for the elderly. *Technology and Health Care* 2002,10(6):469-471

3. **Demiris G,** Vayena E. Can the Internet play a role in reducing the global burden of infertility? *Technology and Health Care* 2002, 10(6): 471-473

2. Finkelstein S, Speedie S**, Demiris G**, Hoff M, Lundgren JM. Telemedicine in Home Health Care. *Proceedings of the State of the Science Conference on Telerehabilitation and Applications of Virtual Reality* 2001, NRH Press, Washington DC, pp.94-97

1. **Demiris G**, Speedie S, Finkelstein S. The Nature of Communication in Virtual Home Care Visits. *Proc AMIA Symp* 2001: 135-138.

Peer Reviewed Conference abstracts

146. **Demiris G**, Thompson H, Lazar A, Lin S. Embodied Conversational Agents: Technologies to Support Older Adults with Mild Cognitive Impairment. Paper presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

145. Chung J, Ozkaynak M, Demiris G. The Use of Workflow Analysis to Characterize Patterns of Older Adults' Daily Activities. Poster presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

144. Kang Y, **Demiris G**. Review of Pain Assessment Instruments Available for Older Adults. Poster presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

143. Oliver D, Patil S, Benson J, Gage A, Washington K, Kruse R, **Demiris G**. The Effect of Internet Support Groups on Caregiver Social Support and Self-Efficacy: A Meta Analysis. Poster presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

142. Kneale L, Chaudhuri S, Rosenberg D, **Demiris G**, Phelan E. Smart-Phone Application Evaluation for Older Adults Prescribed Physical Therapy for Fall Prevention. Poster presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

141. Thompson H, **Demiris G**, McGough E, Eagen T. Impact of an Online Cognitive Training Program in Older Adults at Risk for Falls. Poster presented at the 21st IAGG (International Association of Gerontology and Geriatrics) World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017.

140. **Demiris G**. The Role of Informatics Education in Facilitating Team Science: Synergies between Two Federally Funded Informatics Training Programs in the Health Sciences. Presentation at the InSpire 2017: Developing the Health Informatics Workforce of the Future Conferene, La Jolla, CA, June 2017.

139. Chi NC, **Demiris G.** Informatics Tools to Support Family Caregivers' Pain Management in End of Life Care: Current Evidence and Opportunities. Poster presentation at the American Medical Informatics Association (AMIA) 2016 Annual Symposium, Chicago, IL, November 2016.

138. Kneale L, Thompson H, **Demiris G**. Incorporating Televisions into Older Adults' Health Routines: A Case Study. Poster presentation at the American Medical Informatics Association (AMIA) 2016 Annual Symposium, Chicago, IL, November 2016.

137. Choi YK, **Demiris G**, Washington K, Parker Oliver D, Challenges Faced by the Oldest Old in the Caregiving Role: Observations from the Hospice Setting. Oral presentation at the Gerontological Society of America (GSA) 2016 Annual Scientific Meeting, New Orleans, LA, November 2016.

136. Kang Y, **Demiris G.** Review of Standardized Pain Assessment Instruments Available for Community-Dwelling Older Adults. Poster presentation at the Gerontological Society of America (GSA) 2016 Annual Scientific Meeting, New Orleans, LA, November 2016.

135. Eagen TJ, McGough EL, **Demiris G**, James A, Thompson H. Mobility Disability and Spatiotemporal Parameters of Gait in Older Adults with Cognitive Impairment. Poster presentation at the Gerontological Society of America (GSA) 2016 Annual Scientific

Meeting, New Orleans, LA, November 2016.

134. Backonja U, Washington K, **Demiris G**, Parker Oliver D. Desired Data Elements and Features for a Visual Tool to Support Hospice Interdisciplinary Meetings. Poster presentation at the Gerontological Society of America (GSA) 2016 Annual Scientific Meeting, New Orleans, LA, November 2016.

133. Chi NC, **Demiris G**, Thompson H, Lazar A, Lin SY. The Usability of a Digital Companion Pet for Older Adults With Mild Cognitive Impairment. Poster presentation at the Gerontological Society of America (GSA) 2016 Annual Scientific Meeting, New Orleans, LA, November 2016.

132. Turner AM, Osterhage K, Hartzler A, **Demiris G.** It's in the Fridge: The practices of older adults in managing advanced directives and other emergency information. Presented at the 3rd Home Healthcare and Hospice Information Technology (H3IT) Conference, Chicago, IL, Nov. 11, 2016.

131. Kneale L, Ordway A, Johnson K, **Demiris G.** Understanding Information Exchange between Home Care Clients and Aides: Opportunities for Informatics. Presented at the 3rd Home Healthcare and Hospice Information Technology (H3IT) Conference, Chicago, IL, Nov. 11, 2016.

130. Choi YK, **Demiris G**, Samuel A, Huang D. A Feasibility Study Examining Older Adult Needs within Smart Home Sensor Deployments. Presented at the 3rd Home Healthcare and Hospice Information Technology (H3IT) Conference, Chicago, IL, Nov. 11, 2016.

129. **Demiris G**, Hills R, Boston-Fleischauer C, Masuda D. Assessing the Integration of Problem Based Learning (PBL) into a Clinical Informatics Curriculum. Oral presentation at the Inspire 2016 Academic Forum Annual Conference, Columnbus, OH, June 28-30, 2016.

128. **Demiris G**, Parker Oliver D, Washington K. Building Evidence for Telehospice: Findings from the Hospice Caregiving Research Network. Oral presentation at the American Telemedicine Association (ATA) Annual Conference 2016, Minneapolis, MN, May 2016.

127. Choi Y, **Demiris G**, Samuel A, Huang D. Design guidelines for effective data visualization of sensor monitoring data. Poster presentation at the 2015 American Medical Informatics Association (AMIA) Symposium, San Francisco, CA, November 2015.

126. Kang Y, Chaudhuri S, Thompson HJ, **Demiris G**. Characteristics of Older Adults' Adherence of a Wearable Fall Detection Device. Poster presentation at the 2015 American Medical Informatics Association (AMIA) Symposium, San Francisco, CA, November 2015.

125. Connelly KC, Reeder B, Hall AK, Caine K Siek KA, **Demiris G.** HomeSHARE: A Distributed Smart Homes Testbed Initiative. Poster presentation at the 2015 American Medical Informatics Association (AMIA) Symposium, San Francisco, CA, November 2015. (Received the 2015 AMIA Distinguished Poster Award)

124. Chung J, **Demiris G**, Thompson HJ. Obtrusiveness of a Smart Home Application as Perceived by Korean American Older Adults. Oral presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2015, Orlando, FL, November 2015.

123. **Demiris G**, Le T, Bock C, Thompson H, Samuel A, Huang D, Phanishayee A. Privacy Considerations for the Visualization of Longitudinal Activity and Environmental Data Generated by Smart Home Applications for Older Adults. Oral presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2015, Orlando, FL, November 2015.

122. Albright DL, Parker Oliver D, Washington KT, **Demiris G**. Hospice Family Caregiver Social Support. Oral presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2015, Orlando, FL, November 2015.

121. Washington KT, Rakes C, Albright DL, Parker Oliver D, **Demiris G.** Investigating Family Caregiver Psychological Distress at End of Life: Is the Construct Evidence-Based? Oral presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of

America (GSA) 2015, Orlando, FL, November 2015.

120. Washington KT, Parker Oliver D, **Demiris G.** Engaging Family Caregivers in Shared Decision-Making in Hospice Interdisciplinary Team Meetings. Poster presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2015, Orlando, FL, November 2015.

119. Turner AM, **Demiris G**, Osterhage K, Hartzler AL, Joe J. Keeping It Close: Emergency Information and Older Adults. Poster presentation at the 2015 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2015, Orlando, FL, November 2015.

118. **Demiris G**, Parker Oliver D, Pike K, Washington K, Clark C, Thomas-Jones D. A Problem Solving Therapy Intervention for Hospice Caregivers. Poster presentation at the National Institute of Nursing Research (NINR) 30th Anniversary Symposium, October 13, 2015, Bethesda, MD.

117. Bock C, Le T, Samuel A, Huang D, Thompson HJ, **Demiris G.** Data Through an Open Platform for Connected Devices. Stud Health Technol Inform 2015; 216:964. Poster presentation at the 5th World Congress on Health and Biomedical Informatics Medinfo, August 19-23, 2015, Sao Paulo, Brazil

116. Turner AM, Osterhage K, Joe J, Hartzler A, Lin L, **Demiris G.** Use of Patient Portals: Personal Health Information Management in Older Adults Stud Health Technol Inform 2015; 216: 978. Poster presentation at the 5th World Congress on Health and Biomedical Informatics Medinfo, August 19-23, 2015, Sao Paulo, Brazil

115. Lazar A, Thompson HJ, **Demiris G**. Considerations in Implementing Informatics Studies in Dementia Care Units. Poster presentation at the 2014 American Medical Informatics Association (AMIA) Symposium, Washington DC.

114. Lazar A, Thompson HJ, **Demiris G.** Pilot Testing the Use of a Technology Tool in Memory Care. Oral presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

113. Turner AM, Osterhage K, Hartzler AL, Beeson T, Thielke SM, Phelan EA, **Demiris G.** Addressing the Personal Health Information Management Needs of Older Adults: The SOARING Project. Oral presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

112. Hartzler AL, Osterhage K, Beeson T, **Demiris G**, Phelan EA, Thielke SM, Turner AM. Defining Wellness through the Voice of Community-dwelling Older Adults. Oral presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

111. Parker Oliver D, **Demiris G**, Washington KT, Albright DL. Assessing Caregivers for Team Intervention via Video Encounters (ACTIVE): Results of a Four Year Randomized Clinical Trial in US Hospices. Oral presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

110. **Demiris G**, Parker Oliver D, Washington KT, Pike KC. The PISCES Intervention: A Clinical Trial Examining a Problem Solving Therapy Intervention for Hospice Caregivers. Oral presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

109. Chung J, Joe J, Hall AK, Thompson HJ, **Demiris G**. Exploring the Acceptability of Home-Based Sensor Technologies in a Cultural Context. Poster presentation at the 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2014, Washington, D.C.

108. Reeder B, **Demiris G**. Using Informatics to Capture Human Response: Home-Based Health Technologies. Poster presentation at the 2014 Western Institute of Nursing (WIN) Research Conference, Seattle, WA, April 10, 2014.

107. Comia C, Nguyen P, Chaudhuri S, Thompson H, **Demiris G**. Examining Older Adults' Perceptions of Fall Devices: A Secondary Analysis. Poster presentation at the 2014 Western Institute of Nursing (WIN) Research Conference, Seattle, WA, April 10, 2014.

106. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E. Problem Solving Therapy for Hospice Caregivers: The PISCES Trial. Poster presented at the 2013 Annual Scientific Meeting of the Gerontological Society of America (GSA) 2013, New Orleans, LA.

105. Chung J, Reeder B, Lazar A, Thompson H, **Demiris G**. Living with Home-based Sensor Technology: Older Adults' Perceptions. Poster presentation at the 20th IAGG World Congress of Gerontology and Geriatrics (IAGG 2013), Seoul, Korea, June 23-27, 2013.

104. Meyer ES, **Demiris G**. Care for the Caregiver: Understanding the Burden of Hospice Caregiving. Poster presentation at the 2013 Western Institute of Nursing (WIN) Research Conference, Anaheim, CA, April 13, 2013.

103. Wittenberg-Lyles E, Goldsmith J, Parker Oliver D, **Demiris G**, Kruse R, Van Stee S. Oral literacy features and caregiver outcomes in hospice care. DC Health Communication Conference, Fairfax VA, March 28-30, 2013. **Top Research Presentation Award**

102. Washington KT, Parker Oliver D, **Demiris G**. Exploring thinking patterns of family caregivers: Identifying opportunities for cognitive interventions in end of life care. Oral presentation at Social Work Hospice and Palliative Care Network General Assembly, New Orleans LA, March 11-12, 2013.

101. Wittenberg-Lyles E, **Demiris G**, Kruse R, Parker Oliver D, Rankin A, Shaunfield S. Conveying empathy to hospice family caregivers: Team responses to caregiver empathic communication. Presented at the National Communication Association Annual Conference, Orlando FL, November 15-18, 2012.

100. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Pike K, Thomas-Jones D, Clark C, Watson H. "Keeping Calm and Focused": A Telehealth based Problem Solving Therapy Intervention in Hospice. Oral presentation at International Palliative Care Network Conference 2012 (peer-reviewed, online conference) October 2012.

99. Washington KT, Parker Oliver D, Wittenberg-Lyles E, **Demiris G**, Shaunfield S. (2012, November). Exploring clinician-family communication in ACTIVE hospice interdisciplinary team meetings. Poster presented at the 2012 Annual Meeting of the Gerontological Society of America, November 2012, San Diego, CA.

98. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Washington K, Kruse RL. Strategies for successful implementation of a hospice randomized clinical trial: The ACTIVE intervention. Poster presented at the annual meeting of the Gerontological Society of America, November 2012, San Diego, CA.

97. Chaudhuri S, Le T, White C, Chung J, **Demiris G**, Thompson H. Administering a Wide-Scale Survey to Community Dwelling Older Adults: Implications and Lessons Learned. AMIA Annu Symp Proc. 2012. Poster Presentation at the American Medical Informatics Association (AMIA) Annual Conference, November 2012, Chicago, IL.

96. Reeder B, Chung J, Joe J, Lazar A, Savvides A, Thompson HJ, **Demiris G**. Informing Field Research: Considerations from a Community-Based Feasibility Study with Older Adults and Technology Sensors. AMIA Annu Symp Proc. 2012. Poster Presentation at the American Medical Informatics Association (AMIA) Annual Conference, November 2012, Chicago, IL.

95. Wittenberg-Lyles E, Parker Oliver D, **Demiris G**, Shaunfield S. Passport to the community: Promising outcomes for virtual fieldtrips for long-term care residents. International Communication Association annual conference. Phoenix, AZ, May 24-27, 2012.

94. McGough E, Thompson HJ, Le T, Chaudhuri S, **Demiris G**. (2012). Exploring the Relationship between Computerized Measures of Gait and Lower Extremity Function, Balance and Fear of Falling. Journal of the American Geriatrics Society 2012; Volume 60, Issue S4 , p. S164. Poster Presentation at the 2012 Annual Meeting of the American Geriatrics Society, Seattle, WA, May 2-5, 2012

93. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E. The Use of Video Technology for Caregiver Involvement in Interdisciplinary Hospice Teams: Preliminary Experiences from the ACTIVE Randomized Clinical Trial. Panel Presentation at the 2012 Annual Assembly of American Academy of Hospice and Palliative Medicine & Hospice and Palliative Nurses Association, Denver Colorado, March 7, 2012

92. Le T, Wilamowska K, Thompson HJ, **Demiris G**. Data Visualization Techniques for a Holistic Understanding of Older Adults' Health. November 21, 2011. Proceedings of the

Gerontological Society of America's 64th Annual Scientific Meeting, Boston, MA (presented November 21, 2011).

91. Zaslavsky O, Reeder B, Wilamowska K, **Demiris G**, Thompson HJ. Interdisciplinary Design Approaches: Methods and Recommendations from Applied Research. November 21, 2011. Proceedings of the Gerontological Society of America's 64th Annual Scientific Meeting, Boston, MA (presented November 21, 2011).

90. Le T, Wilamowska K, Thompson H, **Demiris G**. Design of Data Visualization Techniques for Integrated Assessment of Wellness. AMIA Annu Symp Proc. 2011; 1849.

89. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Washington K. A Problem Solving Intervention Using Telehealth. Presented at the *NIH National Institute of Nursing Research State of the Science on End-of-Life Care 2011*. Bethesda, Maryland, August 10-13, 2011

88. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Washington K, Kruse R.; Kruse, R. Preliminary Results Year 1: ACTIVE Intervention; A̲ssessing C̲aregivers for T̲eam I̲ntervention via V̲ideo E̲ncounters. Presented at the *NIH National Institute of Nursing Research State of the Science on End-of-Life Care 2011*. Bethesda, Maryland, August 10-13, 2011

87. Wittenberg-Lyles E, **Demiris G**, Parker Oliver D, Washington K, Burt S, Shaunfield S. (2011). Understanding stress variances among hospice caregivers: Validation for the ACT theoretical model. *Presented at the NIH National Institute of Nursing Research State of the Science on End-of-Life Care 2011*. Bethesda, Maryland, August 10-13, 2011

86 Parker Oliver D, **Demiris G**, Wittenberg-Lyles E. Challenges Implementing Telehospice: Outcomes and Lessons Learned from Intervention Studies. Telemedicine and e-Health 2011; 17(S1):32
(Panel Presentation at the American Telemedicine Association Sixteenth Annual International Meeting and Exposition, May 2011, Tampa, Florida)

85 Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Washington K, Day T, Novak H. A Systematic Review of Telehospice Research. Telemedicine and e-Health 2011; 17(S1):79
(Poster Presentation at the American Telemedicine Association Sixteenth Annual International Meeting and Exposition, May 2011, Tampa, Florida)

84. Poppe A, **Demiris G**. Telehealth for Adult Family Homes: An Unexplored Territory. Telemedicine and e-Health 2011; 17(S1):95
(Poster Presentation at the American Telemedicine Association Sixteenth Annual International Meeting and Exposition, May 2011, Tampa, Florida)

83. **Demiris G**, Thompson HJ. Use of a Community-based Telehealth Platform for Cognitive Assessment of Older Adults. Telemedicine and e-Health 2011; 17(S1):83
(Poster Presentation at the American Telemedicine Association Sixteenth Annual International Meeting and Exposition, May 2011, Tampa, Florida)

82. **Demiris G**, Thompson HJ. Using technology for a holistic assessment of older adults' wellness.
Presented at the 63rd Annual Scientific Meeting of the Gerontological Society of America (GSA), November 2010, New Orleans, LY

81. **Demiris G**, Parker Oliver D. Assessing Caregiver Needs in Hospice: A Problem Solving Intervention.
Presented at the 63rd Annual Scientific Meeting of the Gerontological Society of America (GSA), November 2010, New Orleans, LY

80. **Demiris G**, Thompson HJ, Roesler A, Reeder B, Wilamowska K, Zaslavksy O. An Informatics Platform for Older Adults Wellness. AMIA Annu Symp Proc. 2010 (In Press)
Poster Presentation at the American Medical Informatics Association (AMIA) Annual Conference, November 2010, Washington, DC.

79. Thompson HJ, **Demiris G**. Technology-enhanced assessment of elder wellness.
Proceedings of the Council of the Advanced of Nursing Science 2010 State of the Science Meeting (in Press)

Oral presentation at the Council for the Advancement of Nursing Science 2010 State of the Science Meeting, September 2010, Washington, DC.

78. **Demiris G**, Thompson H. HEALTH-E: Using telehealth to understand older adults' wellness. Telemedicine and e-Health 2010; 16(S1): S62-63.
Oral presentation at the American Telemedicine Association 15th Annual International Meeting and Exposition, May 2010, San Antonio, TX.

77. **Demiris G**, Thompson H. Using technology to capture and analyze wellness: the HEALTH-E project. Gerontechnology 2010; 9(2):168.
Oral presentation at the 7th World conference of the International Society for Gerontechnology (ISG), May 2010, Vancouver BC, Canada.

76. Zaslavsky O, Thompson H, **Demiris G**. Use of technology to assess frailty. Gerontechnology 2010; 9(2):170.
Oral presentation at the 7th World conference of the International Society for Gerontechnology (ISG), May 2010, Vancouver BC, Canada.

75. Reeder B, **Demiris G**. Informing the design of built environments to promote wellness: A public health perspective Gerontechnology 2010; 9(2):170-171.

74. **Demiris G**, Palmer J. Evaluation of Problem based learning modules in a Nursing Informatics Curriculum. Poster presentation at the 2010 American Nursing Informatics Association (ANIA)-CARING Annual Conference, "Re-Evolution in Nursing Informatics" Boston, MA, April 22-24th, 2010.

73. **Demiris G.** Smart Homes and Ambient Assisted Living.
Presented at the 6th World Congress for Neurorehabilitation (WCNR), March 2010, Vienna, Austria.

72. **Demiris G.** Behavioral Sensing Technologies for Aging in Place.
Presented at the 62nd Annual Scientific Meeting of the Gerontological Society of America (GSA), November 2009, Atlanta, GA

71. **Demiris G.** An Evaluation of the Design and Layouty of the GRASP Website.
Presented at the 62nd Annual Scientific Meeting of the Gerontological Society of America (GSA), November 2009, Atlanta, GA

70. **Demiris G**. Assessing Caregiver Needs in Hospice: A Problem Solving Intervention.
Presented at the 62nd Annual Scientific Meeting of the Gerontological Society of America (GSA), November 2009, Atlanta, GA

69. **Demiris G**. The Intersection of Social Sciences and Informatics: Designing Problem Solving Interventions.
Presented at the 4th International Conference on Interdisciplinary Social Sciences, July 2009, Athens, Greece

68. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E. Using Telehealth to Support ACT: The Role of Technology in Team Interventions. Telemedicine and e-Health 2009; 15 (Suppl. 1): S-44-45.
Panel presentation at the American Telemedicine Association 14th Annual International Meeting and Exposition, April 2009, Las Vegas, Nevada.

67. Parker Oliver D, **Demiris G**. Technical Quality and Environmental Assessment for Group Videophone Interactions. Telemedicine and e-Health 2009; 15(Suppl. 1): S-71.
Oral presentation at the American Telemedicine Association 14th Annual International Meeting and Exposition, April 2009, Las Vegas, Nevada.

66. **Demiris G**, Washington K, Parker Oliver D, Wittenberg-Lyles E. Information Exchange in Hospice Teams. Program No. 422-7. *2008 Abstract Viewer*. National Harbor, MD: The Gerontological Society of America.
Poster Presentation at the Gerontological Society of America Conference November 2008, National Harbor, MD, USA

65. Washington K, **Demiris G**, Parker Oliver D. Telemedicine Acceptance among Hospice Professionals: A Multidisciplinary Perspective. Program No. 403-1. *2008 Abstract Viewer*. National Harbor, MD: The Gerontological Society of America.
Poster Presentation at the Gerontological Society of America Conference November 2008, National Harbor, MD, USA

64. Masuda DL, Zierler B, **Demiris G.** Learning is Different on the Web: A Theory-based Course Redesign Effort. AMIA Annual Symposium Proceedings 2008:1047.
Poster Presentation at the American Medical Informatics Association Annual Congress November 2008, Washington DC, USA.

63. Parker Oliver D, **Demiris G**. The Promise of Commercially Available Videophones for Long-term care: Findings and Challenges. Telemedicine and e-health 2008; 14 (Suppl. 1): 85. Presented at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

62. Inman CJ, **Demiris G**. Telemedicine in Pediatric Rheumatology as a Medical Education Tool. Telemedicine and e-health 2008; 14(Suppl. 1): 105.
Poster presentation at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

61. **Demiris G**, Parker Oliver D, Rantz M, Skubic M. Participatory Evaluation of a Telehealth Application for Aging in Place. Telemedicine and e-health 2008; 14(Suppl. 1): 64. Presented at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

60. Parker Oliver D, **Demiris G**, Wittenberg-lyles E, Washington K, Day M. Telehealth as a Tool to Empower Patients and Informal Caregivers. Telemedicine and e-health 2008; 14(Suppl. 1): 58-59.
Presented at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

59. **Demiris G**. Patient-centered Telehealth: A Theoretical Framework. Telemedicine and e-health 2008; 14(Suppl. 1): 53
Presented at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

58. Courtney KL, **Demiris G**, Hensel BK. Describing Obtrusiveness for Telehealth and Smart Technologies. Telemedicine and e-health 2008; 14(Suppl. 1): 44
Presented at the 13th Annual American Telemedicine Association (ATA) International Meeting and Exposition, April 2008, Seattle, WA, USA.

57. **Demiris G.** Priniciples of Participatory Evaluation for the Assessment of Smart Home Applications for Older Adults. . The Gerontologist 2007; 47(Special Issue 1): 333
Presented at the 60th Annual Meeting of the Gerontological Society of America GSA 2007, San Francisco, November 2007

56. **Demiris G**, Parker Oliver D, Wittenberg-Lyles E, Courtney K, Washington K, Day M. Using Technology to Provide Support for Caregivers of Hospice Patients. The Gerontologist 2007; 47(Special Issue 1): 460
Presented at the 60th Annual Meeting of the Gerontological Society of America GSA 2007, San Francisco, November 2007

55. Washington K, **Demiris G**, Parker Oliver D, Day M. Implementing web-based Hospice Services in Rural Areas: Challenges and Opportunities. The Gerontologist 2007; 47(Special Issue 1): 682
Poster Presentation at the 60th Annual Meeting of the Gerontological Society of America GSA 2007, San Francisco, November 2007

54. Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Day M, Washington K. Hospice Caregiver Quality of Life and Caregiver Perceptions of Barriers Toward Pain Management. The Gerontologist 2007; 47(Special Issue 1): 122
Poster Presentation at the 60th Annual Meeting of the Gerontological Society of America GSA 2007, San Francisco, November 2007

53. **Demiris G**, Courtney KL, Meyer W. A Survey Study Exploring the Potential of Telehealth in Critical Access Hospitals. Proceedings of the American Medical Informatics Association (AMIA) 2007:928.
Poster presentation, Chicago, November 2007

52. Parker Oliver D, **Demiris G**, Hensel BK. A Videophone Intervention with In-hospice caregivers: Clinical Outcomes. Telemedicine and e-health 2007; 13(2): 172. Presentation at the 12th Annual International Meeting of the American Telemedicine Association (ATA), May 2007, Nashville, TN

51. Hensel BK, Parker Oliver D, **Demiris G**. Does greater communication bandwidth increase perceived social presence in videophone communication? Telemedicine and e-health 2007; 13(2): 227.
Poster Presentation at the 12th Annual International Meeting of the American Telemedicine Association (ATA), May 2007, Nashville, TN

50. **Demiris G**, Parker Oliver D. Commercially Available Videophones For The Patient's Home: Findings And Challenges. Telemedicine and e-health 2007; 13(2): 205.
Roundtable presentation at the 12th Annual International Meeting of the American Telemedicine Association (ATA), May 2007, Nashville, TN

49. **Demiris G**. Examining Health Care Providers' Participation in Telemedicine System Design and Implementation. Proceedings of the American Medical Informatics Association (AMIA) 2006; p. 906. Washington DC, November 2006. [PMCID: PMC1839385]

48. Hensel BK, Parker Oliver D, **Demiris G**. A Telehealth Case Study of Videophone Use between Family Members. Proceedings of the American Medical Informatics Association (AMIA) 2006; p. 948, Washington DC, November 2006. [PMCID: PMC1839420]

47. **Demiris G**, Skubic M, Rantz M, Hensel B. Smart Home Sensors for Aging in Place: Older Adults' Attitudes and Willingness to Adopt. The Gerontologist 2006; 46 (Special Issue 1): 430
Poster Presentation at the 59th Annual Scientific Meeting of the Gerontological Society of America, Dallas, TX, Nov. 2006

46. Su KC, **Demiris G**. Redefining Informed Consent in the Era of E-Health. In: Eysenbach G. (Ed.) Improving Public Health Through the Internet. Abstracts Book, 11th World Congress on Internet in Medicine, Toronto, Oct 14 - 19th, 2006: JMIR Publications 2006; 45: 104.

45. Parker Oliver D, **Demiris G**, Courtney K. Patient and family involvement in hospice interdisciplinary team meetings in the United States. Palliative Medicine 2006; 20(3):278.
Poster presentation at the 4th European Association of Palliative Care Forum on Research In Palliative Care, Venice, Italy-May 2006

44. **Demiris G**, Parker Oliver DR, Courtney KL. Can videophones be used for psychometric assessment? Telemedicine and e-health 2006; 12(2):199
Presentation at the 11th Annual Meeting of the American Telemedicine Association, May 7-10, 2006, San Diego, CA

43. **Demiris G**, Tao D. An analysis of the scientific literature in telemedicine. Telemedicine and e-health 2006; 12(2):254.
Poster Presentation at the 11th Annual Meeting of the American Telemedicine Association, May 7-10, 2006, San Diego, CA

42. **Demiris G**, Skubic M, Parker Oliver DR, Rantz MJ, Aud MA, Lee J, Burks K, Keller J, Green N. End-User Involvement in Interface Design of Smart Home Applications: The Nursing Perspective. Presented at the International Conference on Aging, Disability and Independence (ICADI) 2006, St. Petersburg, Florida, February 2006.

41. **Demiris G**, Skubic M, Rantz MJ, Hensel B, Aud MA, Tyrer HW, Parker Oliver D, Jee R, Burks K, Harris KM. Older Adults' Attitudes Towards Smart Home Features. Presented at the International Conference on Aging, Disability and Independence (ICADI) 2006, St. Petersburg, Florida, February 2006.

40. **Demiris G**, Rantz MJ, Aud MA, Skubic M, Tyrer HW. A needs assessment study for a "smart home" facility. Presentation at the 133rd Annual Meeting of the American Public Health Association-Philadelphia, PA, December 2005 (In Press)
39. **Demiris G**, Parker Oliver DR, Courtney KL, Proock D. Tools to improve quality of life for caregivers of patients at the end of life: The Missouri Telehospice Project. Presentation at the 133rd Annual Meeting of the American Public Health Association-Philadelphia, PA, December 2005 (In Press)
38. **Demiris G**, Courtney KL, Riley S, Meyer W. Information Technology Needs for Critical Access Hospitals. Poster presentation at the 133rd Annual Meeting of the American Public Health Association-Philadelphia, PA, December 2005 (In Press)
37. **Demiris G**, Oliver DR, Courtney KL. A video-mediated Intervention for Senior Caregivers. The Gerontologist 2005; 45 (Special Issue 2):328-329
Presentation at the 58th Annual Scientific Meeting of the Gerontological Society of America, November 2005, Orlando-Florida
36. **Demiris G**, Oliver DR, Courtney KL. Use of Videophones for Psychometric Assessment of the Elderly Population. The Gerontologist 2005; 45 (Special Issue 2): 182
Presentation at the 58th Annual Scientific Meeting of the Gerontological Society of America, November 2005, Orlando-Florida
35. **Demiris G**, Rantz MJ, Skubic M, Aud MA, Tyrer Jr HW. Interdisciplinary Team Design of "Smart" Residences for Aging in Place. The Gerontologist 2005; 45 (Special Issue 2):182
Presentation at the 58th Annual Scientific Meeting of the Gerontological Society of America, November 2005, Orlando-Florida
34. Parker Oliver DR, Porock D, **Demiris G**. Patient and Family Participation in Hospice Interdisciplinary Teams. The Gerontologist 2005; 45 (Special Issue 2): 209
Poster Presentation at the 58th Annual Scientific Meeting of the Gerontological Society of America, November 2005, Orlando-Florida
33. **Demiris G**, Rantz MJ, Skubic M, Aud MA, Tyrer Jr HW. Home-Based Assistive Technologies for Elderly: Attitudes and Perceptions. American Medical Informatics Association Annual Symposium Proceedings 2005: 935. [PMCID: PMC1560682]
32. **Demiris G.** Assessing User Participation in Telemedicine System Design. Telemedicine and e-health 2005; 11(2): 210
Presentation at the 10th Annual Meeting of the American Telemedicine Association, April 17-20, 2005, Denver, Colorado
31. **Demiris G.** Exploring Telemedicine Video-Based Communication: Content, Style, Timing, Discourse Analysis and Technological Hurdles. Telemedicine and e-health 2005; 11(2):221
Presentation at the 10th Annual Meeting of the American Telemedicine Association, April 17-20, 2005, Denver, Colorado
30. **Demiris G.** Impact of Audio and Video Degradation on Style and Content of Communication in Clinical Teleconsultations. Telemedicine and e-health 2005; 11(2):221
Presentation at the 10th Annual Meeting of the American Telemedicine Association, April 17-20, 2005, Denver, Colorado
29. Rantz M, **Demiris G**, Aud M, Skubic M, Tyrer Jr. H. Seniors' Attitudes Towards Home-Based Assistive Technologies. Proceedings of the Midwest Nursing Research Society (MNRS), 29th Annual Research Conference (Cincinnati, OH) 2005, p. 40
28. **Demiris G.** Interdisciplinary Innovations in Biomedical and Health Informatics Graduate Education: The Missouri Experience. Proceedings of the European Federation of Medical Informatics Special Topics Conference; Health and Medical Informatics Applications, Educational Aspects. Athens, Greece 2005; Hasman A, Mantas J.(Eds): 52
27. **Demiris G**, Boren SA, Nelson KJ, Hall LW, Meyer W, Riley S. Rural Patient Safety: Needs Assessment in Rural Hospitals. Academy Health. Annual Research Meeting 2004 San Diego Proceedings
26. **Demiris G**, Edison K. Measuring Quality Improvement in a Telemedical Setting. Telemedicine Journal and e-health. Conference Proceedings of the 9th Annual Meeting of

the American Telemedicine Association. Telemedicine Journal and e-Health 2004; 10 (Suppl. 1): 69

25. **Demiris G**, Rantz MJ, Aud MA, Tyrer Jr. HW, Skubic M, Marek K. Smart Home Technologies for Aging in Place. Telemedicine Journal and e-health. Conference Proceedings of the 9th Annual Meeting of the American Telemedicine Association. Telemedicine Journal and e-Health 2004; 10 (Suppl. 1): 99

24. **Demiris G**, Edison K, Sridhar S, Patrick TB, Fleming DA. Comparison of communication patterns in traditional and tele-dermatology. Telemedicine Journal and e-health. Conference Proceedings of the 9th Annual Meeting of the American Telemedicine Association. Telemedicine Journal and e-Health 2004; 10 (Suppl. 1): 54

23. Patrick TB, **Demiris G,** Folk LC, Wasekar C. Representational Cost Metrics For Choice Of Controlled Terminology. MEDINFO 2004 Proceedings: p. 1803

22. Waldren SE, **Demiris G**. Electronic Medical Record Features Determination by Content Analysis. MEDINFO 2004 Proceedings, p. 1898.

21. Baghal SA, **Demiris** G. Longitudinal Clinical Data Analysis of Diabetes Mellitus Using Temporal Databases. MEDINFO 2004 Proceedings :p. 1513

20. Folk LC, Patrick TB, **Demiris G**. Evidence-based Retrieval of Gene Functional Annotations. MEDINFO 2004 Proceedings, p. 1597

19. Parker Oliver, D, **Demiris G**. A Needs Assessment Study For the Missouri Telehospice Project. The Gerontologist 2003; 43 (special issue 1), p.421.

18. **Demiris G**, Patrick TB, Khatri N. Assessing Home Care Agencies' Readiness for Telehealth. American Medical Informatics Association Fall Symposium 2003 Proceedings, p. 825. [PMCID: PMC1480178]

17. Oliver DR, **Demiris G**, Fleming DA, Edison K. A needs assessment study for the Missouri Tele-hospice project. American Medical Informatics Association Fall Symposium 2003 Proceedings, p. 959. [PMCID: PMC1480051]

16. Tao D, **Demiris G**, Graves RS. Transition from in-Library Use of Resources to Outside-Library Use: The impact of the Internet on Information Seeking Behavior of Medical Students and Faculty. American Medical Informatics Association Fall Symposium 2003 Proceedings, p. 1027.

15. **Demiris G**, Patrick TB, Hauan MJ, White Tm. Case-Based Education for Health Service Managers for Ongoing Evaluation of Risk of HIPAA Non-Compliance. Abstract Handbook, Association of University Programs in Health Administration Annual Meeting, June 2003-Nashville.

14. **Demiris G**, Fleming DA, Edison K, Oliver D. *The Missouri Telehospice Project*. American Telemedicine Association 8th Annual Meeting, Telemedicine Journal and e-Health 2003; 9(Suppl. 1):S100

13. Fleming D, **Demiris G**, Edison K. *The Value of Telehomecare for the Frail Elderly*. American Telemedicine Association 8th Annual Meeting, Telemedicine Journal and e-Health 2003;9 (Suppl. 1):S102.

12. Patrick TB, Khatri N, **Demiris G**, Brown GD.   Managing Information and People for Competitive Advantage in Health Care. AcademyHealth 2003 (in Press)

11. **Demiris G**, Speedie S, Harris I. The Value of Virtual Visits in Telehomecare. European Journal of Medical Research 2002; 7(Suppl. I): 19

10. **Demiris G**. Tele-Pediatrics: Applying Telemedicine in Pediatrics. European Journal of Medical Research 2002; 7(Suppl. I): 18

9. **Demiris G**, Fleming DA, Edison K. Utilizing Telemedicine for Hospice Patients. European Journal of Medical Research 2002; 7(Suppl. I): 19

8. Veen M, Speedie S, Finkelstein S, Lundgren JM, **Demiris G**. Impact of Telehomecare on Patient Outcomes: Initial Results. *Telemedicine Journal and e-Health* 2002; Vol. 8(2):218

7. **Demiris G,** Speedie S, Finkelstein S. What do patients think of telehomecare? *Telemedicine Journal and e-Health* 2001; Vol.7(2):176

6. **Demiris G**, Speedie S, Finkelstein S. How patients perceive a telemedicine system in home care. Proc AMIA Symp 2001: S890

5. Ganzinger M, **Demiris G**, Finkelstein S, Speedie S, Lundgren JM. An Automated Web Diary System for TeleHomeCare Patient Monitoring. Proc AMIA Symp 2001: S909
4. **Demiris G,** Finkelstein S, Speedie S. A web-based clinical monitoring and educational system for home care patients. *Proc AMIA Symp* 2000:991
3. **Demiris G**, Speedie S, Finkelstein S. Measuring Patients' Perceptions of Telemedicine's Role in Home Care. *Telemedicine Journal* 2000;6:176
2. Finkelstein S, Lundgren JM, **Demiris G**, Hoff M, Speedie SM, Feasibility of telemedicine in home health care. *IEEE Engineering in Medicine and Biology Society Proceedings* 2000;22
1. Finkelstein S, Speedie S, Hoff M, **Demiris G**. Tele-Homecare:Telemedicine in Home Health Care. *IEEE Engineering in Medicine and Biology Society Proceedings* 1999;21:68

Invited publications
- Chi NC, **Demiris G.** The Roles of Telehealth Tools in Supporting Family Caregivers: Current Evidence, Opportunities, and Limitations. Journal of Gerontological Nursing 2017; 43(2): 3-5.
- 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; 42(1):2-3.
- Bowles KH, Dykes P, **Demiris G**. The use of health information technology to improve care and outcomes for older adults. Research in Gerontological Nursing 2015; 8(1):5-10.
- Charness N, Boissy P, **Demiris G**, Krupinski EA, Lai AM, Lopez AM. How Human Factors can influence the elderly in the use of telemedicine. Telemedicine and e-Health 2010; 16(8): 860-866.
- Krupinski E, Charness N, **Demiris G**, Bulik RJ, Seale DE. Roundtable Discussion: Human Factors in Telemedicine. Telemedicine and e-Health 2008; 14(10): 1024-1030.
- **Demiris G.** Smart homes and ambient assisted living in an aging society. New opportunities and challenges for biomedical informatics. Methods of Information in Medicine 2008; 47(1): 56-57.
- **Demiris G**. Workshop on transatlantic collaboration in telehealth and telework. Journal of Telemedicine and Telecare 2006;12(2):108.
- **Demiris G**, Parker Oliver DR, Courtney KL. The Missouri Telehospice Project: Findings from the First Two Years. Patient Reported Outcomes Newsletter 2005; 35: p. 15-17
- Mitchell JA**, Demiris G.** Telegenetics: the next phase in the provision of genetics services? Genetics in Medicine 2005; 7(1):1-2.
- **Demiris G.** Disease Management and the Internet. (Editorial) Journal of Medical Internet Research 2004;6(3):e33 <URL: http://www.jmir.org/2004/3/e33/> [PMCID: PMC1550616]
- **Demiris G**, Oliver DR, Porock D, Courtney K. The Missouri telehospice project: background and next steps. Home Health Care Technology Report 2004; 1(4): 49-55.
- **Demiris G.** Teaching telehealth to medical students. Telehealth Practice Report 2004; 8(6):1,7-8.
- **Demiris G.** An interactive web-based management system may improve diabetes care by doctors. Evidence-based Healthcare 2003; 7(3):119-121
- Finkelstein SM, Speedie SM, **Demiris G.** TeleHomeCare Improves Healthcare for Elders. Newsletter of the Network on Environments, Services and Technologies for Maximizing Independence, American Society on Aging 2003; Volume 10 (3): 2-6
- **Demiris G**, Eysenbach G. Internet use in disease management for home care patients. Journal of Medical Internet Research 2002; 4(2):e6 <URL: http://www.jmir.org/2002/2/e6/>
- **Demiris G** The regular use of virtual visits in home care. *World Medical Association Business Briefing: Next Generation Health Care*, World Markets Research Centre October 2001

Invited presentations
- Demiris G. Personal Health Technologies for Older Adults and their Families. Johns Hopkins Center on Aging and Health, Baltimore, MD, February 5, 2018.
- **Demiris G.** Bench to Practice to Public Health Genomics. The Precision Health Continuum. 2017 NINR Center Directors Meeting "Advancing Symptom and Self-Management Science through Precision Health", National Institutes of Health, Bethesda, MD, May 2, 2017.
- **Demiris G.** Pain Management Challenges for Family Caregivers. 2017 Pacific Northwest Palliative Care Conference by the Cambia Palliative Care Center of Excellence, Shoreline, WA, April 25, 2017.
- **Demiris G**. Patient-Generated Data: Maximizing Utility for Older Adults. Lightning Talk at "The Future of Online Interaction and Older Adulthood" Northwestern University Workshop, Evanston, IL, April 22, 2017.
- **Demiris G.** Motivational Mechanisms and Ambient Assisted Living. Keynote presentation at the 2nd International Tromsø/Chicago & ADMIT workshop "Motivational mechanisms in eHealth." Tromsø, Noway, Dec. 1, 2016
- **Demiris G.** E-Health Applications to Facilitate Patient Engagement: Current Status and Opportunities. Presentation at the Pacific Northwest 39th Annual National Conference on Advanced Practice in Primary and Acute Care. Seattle, WA, October 11, 2016.
- **Demiris G.** Consumer Health Informatics in the Era of Precision Medicine. Keynote presentation at the 14th International Conference on Informatics, Management and Technology in Healthcare, Athens, Greece, July 3, 2016.
- **Demiris G.** Telehealth Interventions for Cancer Survivors and their Caregivers: Challenges and Opportunities. Presented at the 8th Biennial Cancer Survivorship Research Conference 2016 "Innovation in a Rapidly Changing Landscape", Washington DC, June 17, 2016.
- **Demiris G.** Supporting Hospice Caregivers: Findings of the PISCES Trial. Presentation at the Harborview Medical Center Palliative Care Conference 2016, Seattle, WA, May 10, 2016.
- **Demiris G.** Using Technology to Facilitate Health Behavior Change. Presentation at the 27th Annual Pacific Northwest Ambulatory Care Nursing Conference 2016, Lynnwood, WA, April 20, 2016.
- **Demiris G.** Informatics Tools for Patient Engagement: Opportunities for Nursing Science. Keynote presentation at the 2016 Western Institute of Nursing 49th Annual Communicating Nursing Research Conference, Anaheim, CA, April 7, 2016.
- **Demiris G.** Informatics Tools to Support Nursing Research in the Era of Data and Precision Science. A presentation given to the University of Pennsylvania, School of Nursing. (invited Thought Leader visit) February 24, 2016.
- Bowles KH, **Demiris G**, Dykes PC. The Use of Health Information Technology to Improve Care and Outcomes for Older Adults. Presented at the Monthly HIMSS Nursing Informatics Task Force Webinar. December 14, 2015.
- **Demiris G**. Informatics Tools and Systems to Support Aging: Redesigning Home and Hospice Care. Keynote presentation at the Home Healthcare and Hospice Information Technology (H3IT) Conference, Nashville, TN, October 27, 2015.
- **Demiris G**, Thompson HJ. Emerging Technologies to Improve Health Outcomes. Pre-conference Workshop at the 2015 Eight National Doctors of Nursing Practice Conference, Seattle, WA, September 16, 2015.
- **Demiris G.** Telehealth in Hospice. Presentation at the 2015 Virtual Conference: "Clinical Advances in the Art and Science of Care" organized by the National Hospice and Palliative Care Organization (NHPCO), the American Academy of Hospice and Palliative Medicine (AAHPM) and the Hospice and Palliative Nurses Association (HPNA), July 23, 2015
- **Demiris G.** "Informatics Innovations to Support Aging." Keynote presentation at the 13th

International Conference on Informatics, Management and Technology in Healthcare (ICIMTH) Athens, Greece, July 10, 2015.

- **Demiris G.** "Imagining Technologies of the Next Decade." Keynote presentation at the 2015 University of Minnesota Center on Aging Summer Institute on Using Technology to Improve the Care of Older Adults. Brooklyn Center, Minnesota, May 28, 2015.
- **Demiris G**. "E-health Applications: New Opportunities." Keynote presentation at the Fifth International Conference on Health and Self-Care-"e -Health and Health literacy: Care Innovations", Santiago, Chile, May 7, 2015.
- **Demiris G**. "Informal Cancer Caregiving Interventions in Homecare." Presented at the NCI/NINR Sponsored Meeting Entitled "Caring for Caregivers and Patients: Revisiting the Research and Clinical Priorities for Informal Cancer Caregiving", NHI NCI Shady Grove, Rockville, MD, May 5, 2015.
- **Demiris G**. "New Technology to Support Aging in Place. An Academic Perspective." Building Elder Friendly Futures Locally and Globally. A UW Gerontology Conference. Oct. 9, 2014.
- **Demiris G**. "The Evidence Base for Home Health Technologies." Presented at: The Future of Home Health Care: A Workshop; Institute of Medicine-National Research Council of the National Academies Forum on Aging, Disability and Independence. Washington DC, October 1, 2014.
- **Demiris G.** "Behavioral Informatics: The Potential for Big Data." Keynote presentation. International Partnership in Health Informatics Education (IPHIE) 2014 Master Class, Taipei, Taiwan, July 21, 2014.
- **Demiris G**. Findings by Two Clinical Trials by the Hospice Caregiving Research Network. Harborview Medical Center Palliative Care Conference, Seattle, WA, April 28, 2014.
- **Demiris G.** Using Technology to Facilitate Community-based Interventions to Support Older Adults. Promoting Healthy Communities: Interdisciplinary Perspectives. A research conference presented by the St. David's Center for Health Promotion and Disease Prevention Research in Underserved Populations at the University of Texas at Austin, April 2, 2014.
- **Demiris G.** Digitally Augmented Homes: Telehealth for Smart Homes. Keynote presentation at the 2014 Northwest Regional Telehealth Resource Center Conference in Portland, Oregon, March 26, 2014.
- **Demiris G**, Hall AK, Lazar AE. Robotics and Aging: Exploring Opportunities. Seattle Robotics Society, Renton, WA, January 18, 2013.
- **Demiris G.** Health Smart Homes for Aging: Opportunities and Challenges. 2nd International Conference on Architecture and Healthcare at the 21st Century. Technion University, Haifa, Israel, November 13, 2013.
- **Demiris G.** Studying the use of Information Technology in Home and Hospice Care: Research Findings and Opportunities. Presented at the University of Pittsburgh School of Nursing Seminar Series, November 11, 2013.
- **Demiris G.** Smart Home Technology to Aid Independence in Aging. Vision in Aging Symposium: Maintaining Independence through Technology. American Academy of Optometry 92nd Annual Meeting, Seattle, WA, October 24, 2013.
- **Demiris G**. Lessons Learned from Clinical Trials Examining the Use of Telehealth in Hospice Care. 2013 Hospice and Palliative Nurses Association (HPNA) 7th Annual Clinical Practice Forum, Pittsburgh, PA, October 3, 2013.
- **Demiris G**. Consumer Health Informatics: Potential value in chronic illness. 17th Neurogastroenterology & Motility Scientific Meeting, Huntington Beach, CA, September 22, 2013.
- **Demiris G**. Smart homes: redefining residence as a platform for health and rehabilitation.
- Plenary Lecture for International Conference on Rehabilitation Robotics 2013, Seattle, WA, June 24, 2013.
- **Demiris G**. Emerging Technology for Home Health Application. Home Care Association of Washington (HCAW) Annual Conference 2013, SeaTac, WA, April 25, 2013.

- **Demiris G**. Home-based Technologies for Aging. Microsoft Research HomeLab ThinkTank 2013, Microsoft Campus, Redmond, WA, April 11-12, 2013.
- **Demiris G.** Technology and Solutions to Support Aging: A New Paradigm for Aging in Place. Keynote Presentation at "Creating Elder-Friendly Communities: A University of Washington Gerontology Research Forum" University of Washington, Seattle, WA, September 19, 2012.
- **Demiris G.** Unlocking the Potential of Digital Home Infrastructure. Panel presentation, Microsoft Research Faculty Summit, Redmond, WA, July 16, 2012
- **Demiris G**. mHealth: Research Methodologies and New Paradigms. Presentation during the Panel "mHealth in 2020: Setting a Research Agenda" at mHealthSys (Workshop on Mobile Systems, Applications, and Services for Healthcare), ACM SenSys Conference 2011, Seattle, WA, November 1, 2011
- **Demiris G**. Participatory Research in Technology and Aging: Challenges and Lessons Learned. National Science Foundation Integrative Graduate Education and Research Traineeship (IGERT) Distinguished Speaker, Washington State University, June 9, 2010.
- **Demiris G**. Information Technology in Home Health Care. Workshop on the Role of Human Factors in Home Healthcare. Division of Biobehavioral and Social Sciences and Education. National Academies of Science, National Research Council, October 1, 2009.
- **Demiris G.** 2008 National Guest Speaker for the Year. Aging and Technology: Exploring Translational Research. University of Missouri Interdisciplinary Center on Aging, September 18, 2008
- **Demiris G.** Technology and Aging. Keynote presentation for the Tromso Telemedicine and e-health Conference 2007, Tromso, Norway, June 11, 2007
- **Demiris G.** Technology to Assist Elders in their Homes. Supportive Technology and Design for Healthy Aging. University of Washington Institute on Aging Conference, Seattle, WA, May 11-12, 2007
- **Demiris G.** Panel presentation "Patients, Clinicians, Insurers or Administrators: Who's Your User? Can User-Centered Design Work in Health Care?" iEdge 2007-An Information School Conference, University of Washington, Seattle, WA, March 28, 2007
- **Demiris G.** The Home: A New Era of Patient-Centered Informatics Applications. The Arnold Lazarow Memorial Lectureship in Medical Information Sciences, University of Minnesota, June 6, 2006.
- **Demiris G.** Assistive Technology for Elders. 14th Annual Conference Caring for the Frail Eldery (and 13th Annual Meeting of the Missouri Association of Long-Term Care Physicians), August 2004; Columbia, Missouri.
- Patrick TB, **Demiris G**, Folk LC. Ontological Dissonance in Telemedical Science and Practice. Missouri Life Sciences Week, April 2004; Columbia, Missouri (invited poster presentation)
- Baghal SA, **Demiris G.** A perspective on health informatics practice in a socialized medicine system. Missouri Life Sciences Week, February 2004; Columbia, Missouri (invited poster presentation).
- Folk LC, Patrick TB, **Demiris G**. Evidence-Based Retrieval of Gene Functional Annotations. Pacific Symposium on Biocomputing 2004, The Island of Hawaii, Hawaii, January 2004. (invited poster presentation).
- Patrick TB, Folk LC, Mitchell JA, **Demiris G**. Asymmetries in Genomic Retrieval. Pacific Symposium on Biocomputing 2004, The Island of Hawaii, Hawaii, January 2004. (invited poster presentation).
- **Demiris G**, Oliver D. The Missouri Telehospice Project. End of Life Issues Seminar, Family and Community Medicine, September 2003; Columbia, Missouri.
- **Demiris G.** "E-Health: The European Perspective." A Presentation Sponsored by the European Union Center at the University of Missouri, March 2003; Columbia, Missouri
- Seth R, **Demiris G.** An evaluation framework for home-based Telemedicine Applications in Missouri. Missouri Life Sciences Week, February 2003; Columbia, Missouri (invited poster presentation).

- Tao D, **Demiris G,** Sievert M. Transition from in library use of resources to outside library use: The impact of the Internet on information seeking behavior of the medical students and faculty. Missouri Life Sciences Week, February 2003; Columbia, Missouri (invited poster presentation).

Book reviews
- **Demiris G**. Review for Medicine by Design; The Practice and Promise of Biomedical Engineering. IEEE Engineering in Medicine and Biology Magazine 2007, January/February, p. 100-101
- **Demiris G.** Review of "PACS and Imaging Informatics; Basic Principles and Applications." IEEE Engineering in Medicine and Biology Magazine 2005, July/August, p.92-93.
- **Demiris G.** Review of "Physical Principles of Medical Ultrasonics." IEEE Engineering in Medicine and Biology Magazine 2004, July/August, p. 81-82.
- **Demiris G.** Review of "Social Alarms to Telecare: Older People's Services in Transition" by M.J. Fisk in Journal of Telemedicine and Telecare 2003; 9(6):357-358.

Peer reviewed Tutorials/ Workshops/Panels
- Ozkaynak M, Valdez R, **Demiris G**, Novak L, Choi Y, Weir C. Innovation in Workflow Methods for Consumer Health Informatics. Panel presented at the American Medical Informatics Association (AMIA) 2017 Annual Symposium, Washington DC, November 2017.
- Alexander G, Georgiou A, **Demiris G**, Moen A, Westborook J, Alexander M. International Initiatives to Support Health Aging. Panel presented at 6th World Congress on Medical and Health Informatics (MedInfo2017), Hangzhou, China, August 2017.
- **Demiris G**, Turner A, Capurro D. Informatics Tools as Facilitators for Patient Engagement. Workshop presented at 6th World Congress on Medical and Health Informatics (MedInfo2017), Hangzhou, China, August 2017.
- Turner A, **Demiris G**, Lazar A, Reeder B. Engaging Older Adults in the Design, Implementation and Evaluation of Health IT. Didactic Panel at the American Medical Informatics Association (AMIA) 2016 Annual Symposium, November 16, 2016.
- Belza B, Cochrane B, **Demiris G**, Emami A, Sadak T, Thompson H, Woods N, Young H. Measurement Strategies for Building the Science to Support Healthy Aging. Pre-conference Workshop at the 2016 Western Institute for Nursing 49th Annual Communicating Nursing Research Conference, Anaheim, CA, April 6, 2016.
- **Demiris G,** Turner AM, Capurro D, Koch S. Designing and Evaluating Patient-Centered Informatics Tools to Promote Shared Decision Making. A Panel on Patient Portals and Personal Health Records and Systems at the 5th World Congress on Health and Biomedical Informatics Medinfo, August, 2015, Sao Paulo, Brazil
- Wetter T, Czerwinski M, **Demiris G**, Hsiung RC, Jimison H. How Safe are Users of Consumer Health Informatics? Interactive Panel presented at the American Medical Informatics Association (2014) Symposium, Washington DC, November 17, 2014.
- Backonja U, Brennan BF, **Demiris G**, Jimison HB, Riley W. HIT supported health management in the home environment. Panel presented at the American Medical Informatics Association (AMIA) 2013 Symposium, Washington DC, November 18, 2013.
- Florance V, Miller P, Ohno-Machado L, Hripcsak G, Hersh W, **Demiris G.** Training the Informatics Research Workforce: Fostering Interdisciplinarity. Panel presented at the American Medical Informatics Association (AMIA) 2013 Symposium, Washington DC, November 18, 2013.
- **Demiris G**. Using Telehealth in the Home. Presented as part of the Panel "Update in Smart Home Technologies: Getting Smarter As We Age." 2012 Annual Meeting American Geriatrics Society Seattle, WA, USA, May 5, 2012.
- **Demiris G.** Symposium: Technology Tools to support Older Adults' Social Interactions and Independence. Symposium Chair, Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA, USA, November 21, 2009.

- **Demiris G.** Symposium: The Hospice Caregiving Experience: Exploring the Trajectory of Caregiving. Symposium Chair, Gerontological Society of America 62nd Annual Scientific Meeting, Atlanta, GA, USA, November 21, 2009.
- Parker Oliver D, **Demiris G**, Wittenberg-Lyles E, Porock D, Washington K, Haley W. Interventions for Hospice Caregivers: Results of the ACT Pilot Studies. Panel presented at the Gerontological Society of America 61st Annual Scientific Meeting, National Harbor, MD, USA, November 22, 2008.
- Speedie S, **Demiris G**, Finkelstein S, Puskin D. The State of the Art and an Agenda for Research in Home Telehealth. Panel presented at the American Medical Informatics Association (AMIA) Annual Congress 2008, Washington DC, USA, November 11, 2008.
- **Demiris G**, Marschollek M. Smart Homes and Ambient Assisted Living: Redefining Technology in the Home. Workshop presented at the 21st International Congress of the European Federation for Medical Informatics (MIE) 2008, Gothenburg, Sweden, May 28, 2008.
- Finkelstein S, **Demiris G**, Tran B, Bowman T. Health Promotion and Wellness: Technologies for Maintaining Health, Safety, and independence for an Aging population. Workshop presented at the Aging in America, 2008 Annual Conference of the National Council on Aging and the American Society on Aging, March 28, 2008.
- **Demiris G**. Ubiquitous Computing: Introducing Information Technology into Older Adults' Homes. Symposium presented at the 60th Annual Meeting of the Gerontological Society of America GSA 2007, San Francisco, November 2007
- **Demiris G**, Bakken S, Brennan P, Nguyen H. Panel on "Home-based Telehealth: The End User Perspective" presented at the American Medical Informatics Association (AMIA) 2007 Symposium, Chicago, November 13, 2007.
- Mitchell J, **Demiris G**, Tarczy-Hornoch P, Jaspers M, Gatewood L. Eight Years of Experience of an International Partnership in Health Informatics Education. Workshop presented at the American Medical Informatics Association (AMIA) 2007 Symposium, Chicago, November 10, 2007.
- **Demiris G**, Afrin LB, Courtney KL, Goossen W, Lovis C, Vimarlund V. Patient-centered Applications and Mobile Health: Promoting Disease Management and Wellness. Workshop presented at the 12th World Congress on Health/ Medical Informatics Medinfo 2007, Brisbane, Australia, August 19, 2007.
- Koch S, **Demiris G**, Marschollek M, Vimarlund V. From Evolutionary to Revolutionary Home Healthcare. Tutorial presented at the 12th World congress on Health/ Medical Informatics Medinfo 2007, Brisbane, Australia, August 20, 2007.
- Alexander G, **Demiris G**. Human Factors Applications for the Design of Developing Technologies Used to Monitor Elderly People. Tutorial presented at the 12th World Congress on Health/ Medical Informatics Medinfo 2007, Brisbane, Australia, August 19, 2007.
- **Demiris G**, Wetter T. Shared Decision Making: The Role of Information Technology in Addressing Patient Centeredness. An AMIA Knowledge in Motion Working Group Webinar for the American Medical Informatics Association, Sept. 12, 2007.
- Hartvigsen G, **Demiris G**, Bowes A. Telemedicine in Private Homes. Workshop presented at "Tromso Telemedicine and e-health Conference: Elderly, Who Cares 2007", Tromso, Norway, June 11, 2007.
- **Demiris G**, Speedie SM, Starren J, Zhang J, Courtney KL. Panel on "*Home-Based Patient Centered Technologies*" Presented at the American Medical Informatics Association (AMIA) 2006 Symposium, Washington, DC, November 15, 2006
- Courtney KL, **Demiris G.** Value Added: Qualitative Methods in Informatics Research. Workshop presented at the American Medical Informatics Association (AMIA) 2006 Symposium, Washington DC, November 12, 2006
- **Demiris G**, Craven C, Courtney KL. Evaluation methods on assistive technologies designed for older adults. Half-day tutorial presented at the Congress of the European Federation

of Medical Informatics (Medical Informatics Europe-MIE) Maastricht, Netherlands, August 2006

- **Demiris G,** Courtney KL. Domotics and Informatics: The Era of "Smart Homes." Workshop presented at the Congress of the European Federation of Medical Informatics (Medical Informatics Europe-MIE) Maastricht, Netherlands, August 2006
- **Demiris G**. Smart Homes: The Next Generation of Home Based Telehealth Applications. Roundtable panel presentation at the American Telemedicine Association ATA 2006 Conference, San Diego, CA, May 2006.
- Panel Participation at the "Careers in Medical Informatics Panel" at the American Medical Informatics Association Annual Symposium 2005. Washington DC; October 2005.
- **Demiris G.** Workshop on Telehomecare and "smart home" technologies. MEDINFO 2004. San Francisco, CA; September 2004.
- **Demiris G.** "Smart home" applications. Workshop session for the 2nd International Conference on Information Communication technologies in Health, Samos-Greece (July 10, 2004)
- **Demiris G.** Home based telemedicine-Workshop session. 1st International Conference on Information Communication technologies in Health, Samos-Greece (July 13, 2003)

Books:
- Van Hoof J, **Demiris G**, Wouters EJM (Editors) Handbook of Smart Homes, Health Care and Well-Being. Springer International Publishing 2016 (ISBN: 9783319015828).
- Charness N, **Demiris G**, Krupinski E. Designing Telehealth for an Aging Population: A Human Factors Perspective. CRC Press Human Factors and Aging Series, Taylor & Francis Group, Boca Raton FL, 2011 (ISBN-10: 1439825297).
- **Demiris G.** (Ed.) e-health: Current Status and Future Trends in the EU and the US. IOS Press, The Netherlands, 2004 (ISBN: 1 58603 442 1).

Book chapters:
- Chaudhuri S, **Demiris G**, Thompson H. Translating Smart Home Research into Practice. In: Van Hoof J, **Demiris G**, Wouters EJM (Editors) Handbook of Smart Homes, Health Care and Well-Being. Springer International Publishing 2016, p.555-565.
- **Demiris G.** Smart Homes: Empowering the Patient Till the End. In Wetter T. (Ed.) Consumer Health Informatics: New Services, Roles and Responsibilities. Springer Verlag 2015, p. 245-252.
- **Demiris G**. The "Smart Home." In: Krauss Whitbourne S. (Ed.) The Encyclopedia of Adulthood and Aging. Wiley-Blackwell 2016; p.1320-1323.
- **Demiris G.** Health Informatics at the University of Washington. In: Vaidya K, Soar J. (Eds.) Health Informatics (e-Health) for the Curious: Why Study Health Informatics (In Press)
- **Demiris G.** Information Technology to Support Aging: Implications for Caregiving. In: Gaugler J, Kane R (Eds) Family Caregiving in the New Normal. Elsevier Science Academic Press 2015; p. 211-223
- **Demiris G**, Reeder B. E-health and Consumer Health informatics. In: Brown G, Pasupathy K, Patrick T, editors. Health Informatics: A Systems Perspective. Chicago, IL: Health Administration Press, 2012. p. 213-40.
- **Demiris G.** Information Technology and Systems in Home Health Care. In: National Research Council of the National Academies: The Role of Human Factors in Home Health Care (Workshop Summary), The National Academies Press, Washington DC, 2010. p. 173-199.
- Wittenberg-Lyles EM, Parker Oliver D, **Demiris G**. Telehospice: a case study in healthcare intervention research. In: Frodeman R, Thompson Klein J, Mitcham C, Eds., *The Oxford Handbook of interdisciplinarity*, Oxford University Press, New York, NY, p. 511-512

- Rantz M, Skubic M, Burks K, Yu Jie, **Demiris G**, Hensel BK, Alexander GHL, He Z, Tyrer HW, Hamilton M, Lee J, Brown M. Functional assessment and technology. In Majd Alwan, & Robin A. Felder, Eds., *Eldercare Technology For Practitioners,* Humana Press, Totowa, NJ, p. 5-32.
- **Demiris G**. Home-based disease management. In: Wootton R, Dimmick SL, Kvedar JC. (Eds.) *Home Telehealth: Connecting Care Within the Community.* Royal Society of Medicine Press Ltd, London, UK, 2006; p. 98-107.
- **Demiris G.** Virtual Communities in Health Care. In: Silverman B, Jain A, Ichalkaranje A, Jain L. (Eds.) *Intelligent Paradigms for Healthcare Enterprises.* Springer Verlag, Germany-Studies in Fuzziness and Soft Computing, Volume 184, 2005; p.121-137
- **Demiris G.** E-health and Consumer informatics. In: Brown G, Stone T, and Patrick TB. (Eds.) *Managing Information Technology in Health Services Organizations.* Health Administration Press, Chicago, IL, 2005; p. 149-170.
- **Demiris G**, Tan J. E-Home Care: Rejuvenating Home Health Care and Tele–Home Care. In: Tan J. (Ed.) *E-Health Care Information Systems: An Introduction for Students and Professionals.* Jossey-Bass, San Francisco, 2005; p. 267- 290
- Tan J, **Demiris G,** Tan J. The OliverHome Case. In: Tan J. (Ed.) *E-Health Care Information Systems: An Introduction for Students and Professionals.* Jossey-Bass, San Francisco, 2005; p. 290-294
- **Demiris G.** The use of Telemedicine in Pediatrics. In: Perdikouri M, Giovas P, Papadoyainnis D. (Eds.) *Telemedicine in Practice.* En Plo, Athens, Greece, 2005; p. 77-81 *(in Greek).*
- **Demiris G.** Telemedical Support for Senior Adults. In: Perdikouri M, Giovas P, Papadoyainnis D. (Eds.) *Telemedicine in Practice.* En Plo, Athens, Greece, 2005; p. 125-130 *(in Greek).*
- **Demiris G.** Telehealth Applications for Home Care. In: Perdikouri M, Giovas P, Papadoyainnis D. (Eds.) *Telemedicine in Practice.* En Plo, Athens, Greece, 2005; p. 131-137 *(in Greek).*
- **Demiris G**. Home based e-health applications. In: Demiris G. (Ed.) *e-health: Current Status and Future Trends.* IOS Press, The Netherlands, 2004; p. 15-24
- Patrick TB, **Demiris G**, Folk LC. Evidence based retrieval in e-Health. In: Demiris G. (Ed.) *e-health: Current Status and Future Trends.* IOS Press, The Netherlands, 2004; p. 53-61
- Oliver DR, **Demiris G**. E-health tools and Social Wokers. In: Demiris G. (Ed.) *e-health: Current Status and Future Trends.* IOS Press, The Netherlands, 2004; p. 35-46

Organization of Conferences/ Conference Sessions:
- 13th International Conference on e-health Networking, Application and Services, June 13-15, 2011, Columbia MO, USA, Program Co-Chair
- SmartE (Smart Environments to Enhance Health Care) Workshop Chair, IEEE international Conference on Pervasive Computing and Communications, March 21-25, 2011, Seattle, WA, USA
- One Day Workshop entitled "A Transatlantic Observatory on Telehealth and Telework", sponsored by the European Union Center at the University of Missouri-Columbia, Brussels, Belgium, July 11th, 2005
  http://www.hmi.missouri.edu/transatlantic_workshop/
- Conference Session on "Integration of e-health in Health Administration Education" at the Association of University Programs in Health Administration (AUPHA) Annual Meeting, San Diego June3 -6, 2004
- *"e-health: Current Status and Future Trends in the EU and the US."* A conference sponsored by the European Union Center at the University of Missouri-Columbia, Columbia, MO, February 12-13, 2004
  http://www.hmi.missouri.edu/ehealth

Grants and Contracts
External Funding:
Ongoing:

-NIH/ National Institute for Nursing Research
2R01NR012213 (**Demiris**)
05/18/17-02/28/21
A Problem-Solving Intervention for Hospice Caregivers
This is a competing renewal of the previous R01 study and is a follow-up 4-year randomized trial study to examine the effectiveness of a proven problem solving therapy intervention when delivered in a hybrid of platforms (face to face and video) and when enhanced with elements of positive reappraisal.
Role: Principal Investigator

-National Library of Medicine
Biomedical and Health Informatics Training Grant
2T15LM007442 (**Demiris**)
7/1/2012-6/30/2017
The broad, long term goal of the training program is to continue the existing informatics research and training activities of the Division of Biomedical and Health Informatics (DBHI) and its Graduate Program in Biomedical and Health Informatics (BHI) at the University of Washington (UW).
Role: Principal Investigator and Program Director

-Health Resources and Services Administration (HRSA)-Advanced Education in Nursing
Advanced Education in Nursing (Zierler)
9/15/2015-12/31/21017
Education-Practice Partnership to Improve Advanced Heart Failure (AHF) Training and Outcomes for Rural and Underserved Populations in an Accountable Care Organization (ACO)
Role: Co-I

-NINR/ NIH T32
Aging and Informatics Training Program
1T32NR014833 (**Demiris**)
9/15/2014-12/31/2017
This training grant aims to establish a training program in aging and informatics for pre- and postdoctoral nursing science trainees at the School of Nursing, University of Washington.
Role: PI

-NIH-National Institute for Nursing Research
P30NR016585 (Ward, Heitkemper)
Center for Innovation in Sleep Self-Management (CISSM)
08/03/16-05/31/2021
The Mission of the CISSM is to advance nursing science through the development, testing, and implementation of self-management interventions that use technology to assist adults and children with chronic illnesses to sleep better and simultaneously improve health, well-being, and quality of life.
Role: Co-I; Director and PI of the Informatics and Patient Centered Technologies Core

-Agency for Healthcare Research and Quality (AHRQ)
1R01HS022106 (Turner)

9/30/2013 – 8/31/2018
Addressing the Personal Health Information Management Needs of Older Adults
The goal of this research is to improve the design of personal health information management (PHIM) systems for older adults through advancing our understanding of the PHIM needs, practices and preferences of older adults and their stakeholders.
Role: Co-Investigator

-Microsoft Research Unrestricted Gift $20,000-(**Demiris**) 2013-2017
Testing an Infrastructure to Assess Older Adults' Mobility in Smart Home Settings
This gift was made in recognition of the ongoing smart home research addressing the need for older adults to stay independent and promote aging in place.
Role: PI

-National Science Foundation
NSF CNS-1625451 (**Demiris**)
08/01/16-12/31/17
Collaborative Research: CI-NEW: HomeSHARE - Home-based Smart Health Applications across Research Environments
This project provides funding to develop HomeSHARE, a community infrastructure for conducting research around aging in place that provides the community with access to a network of smart homes with a standard sensor package and the ability to add custom technology as needed for specific studies.
Role: PI

-NIH/ National Institute on Aging
2P30AG034592 Northwest Roybal Center: Improving Healthcare for Cognitively Impaired Elders and their Caregivers (Teri)
01/01/15-12/30/16
Project title: Pilot study on the effectiveness of a cognitive training intervention in older adults with mild cognitive impairment.
Role: Project Co-I

-NIH/National Institute of Nursing Research
R21NR015541 (Thompson)
Influence of cognitive training on fall prevention in at risk older adults
9/27/2016-7/31/2018
This project seeks to examine the impact of a computerized cognitive training application on fall prevention among community dwelling older adults at risk for falling.
Role: Co-I

- NIH-National Institute on Aging
R21AG049999 (Parker Oliver)
Shared Decision Making to Improve Palliative Care in the Nursing Home
09/30/16-04/30/18
This proposal seeks to facilitate shared decision making (SDM) among family members, residents with life-limiting illnesses (who are not enrolled in hospice), and the nursing home care team. Our overall hypothesis (H) is that SDM among family members, residents (when possible), and skilled nursing home staff via web- conferencing will improve outcomes for family members and residents with life-limiting illnesses.
Role: Co-I (PI of subcontract to University of Missouri)

-NIH National Cancer Institute

R01CA203999 (Parker Oliver)
National Cancer Institute
ACCESS: Access for Cancer Caregivers to Education and Support for Shared Decision Making
01/12/17-12/31/21
This large randomized clinical trial will test the use of web conferencing and Facebook online support groups to improve the engagement of caregivers of cancer patients in shared decision making related to their hospice plan of care. We will assess the effectiveness of the intervention on caregiver anxiety, depression, quality of life, and perceived involvement of care.
Role: Co-I (PI of subcontract to University of Missouri)

- NIH-National Cancer Institute
R21CA191165 (Washington)
A Problem-Solving Intervention for Family Caregivers in Palliative Oncology
07/01/15-06/30/17
We seek to examine the feasibility of a technologically-mediated problem-solving intervention designed to improve the quality of life and decrease the psychological distress of family caregivers of cancer patients receiving outpatient palliative care.
Role: Co-I (PI of subcontract to University of Missouri)

Completed:
-National Institutes of Health (NIH)/ National Institute for Nursing Research (NINR)
A Problem Solving Intervention for Hospice Caregivers
R01NR012213 (**Demiris)**
4/1/2011-3/31/2016   3 calendar
NIH/NINR RO1 grant $1,975,440
This is a 4-year randomized trial study in which hospice caregivers will be randomly assigned to a group receiving standard hospice care with the addition of social support visits (attention control group) or a group receiving standard hospice care with the addition of the problem solving intervention delivered face to face (intervention group 1) or a group receiving standard hospice care with the addition of the problem solving intervention delivered via video (intervention group 2). The specific aims include an assessment of the impact of problem solving therapy on caregiver quality of life.
Role: Principal Investigator

-NINR/NIH R01
The ACTIVE Intervention to Improve Hospice Caregiver Pain Management
R01NR011472 (Parker Oliver)
Total amount: $2,105,700
9/15/2010-6/30/2015
This four year multi randomized controlled trial of the ACTIVE intervention uses video technology to bring patients and family members into hospice team meetings, measuring the effect of the participation on caregivers' perception of pain management and patient pain.
Role: Co-I (Principal Investigator of subcontract with University of Missouri)

-National Science Foundation
NSF-CDI-1028195 (Balazinska, **Demiris**, Fogarty, Patel)
9/15/2010-8/31/2015
Transforming Community-Based Elder Care through Heterogeneous Activity Sensing Analytics
This project assembles an interdisciplinary team with expertise across the full data to knowledge pipeline: heterogeneous home activity sensing, continuous processing of noisy sensor streams, rapid non-expert configuration and querying of sensing and machine learning

systems, and technology-based interventions for elder care. It focuses on heterogeneous sensing platforms in heterogeneous environments (i.e., different combinations of sensors deployed in varying homes according to varying elder needs).
Total Amount: $1,496,000
Role: co- PI

-National Science Foundation
NSF CNS-1405682 (Caine, Connelly, **Demiris**, Reeder)
09/01/14-08/30/15
Collaborative Research: HomeSHARE - Home-based Smart Health Applications across Research Environments
This project proposes the HomeSHARE testbed as a way to provide the CISE community with a geographically distributed, in situ testbed to design, develop, and evaluate pervasive home based technologies. Our efforts focus on older adults and aging in place to center them in a common application domain that will allow common shared parameters for recruitment of participants across multiple research studies.
Role: Co-PI

-National Institutes of Health (NIH)/ National Institute for Nursing Research (NINR)
A Technology Enhanced Intervention for Hospice Caregivers
R21NR010744 **Demiris** (PI)
6/1/2008 - 5/31/2011   2.4 calendar
NIH NINR R21 grant $380,000
This project explores the use of commercially available videophones to deliver a nursing intervention aiming to improve coping skills of hospice caregivers. The study design is that of an equivalence trial examining the delivery of the coping skills intervention delivered face-to-face and via videophone.
Role: Principal Investigator

-SEIU Healthcare NW Training Partnership
Delivery of a Problem Solving Therapy Educational Module for Home Health Aides
UW OSP # A93355
9/1/2014-3/31/2015
This contract focused on the development and delivery of an educational module for home health aides who will be trained in improving their overall coping and problem solving skills specifically in the context of home care and in collaboration with recipients of home care services.
Role: Principal Investigator

-Health Resources and Services Administration (HRSA)-Advanced Education in Nursing
D09HP18978 Belza (PI)
7/1/2010 – 6/30/2013
Promoting competencies of advanced practice nurses in caring for older adults
The purpose of this application is to develop and evaluate educational resources for a geriatric curriculum including the integration of patient centered technologies and informatics tools for aging.
Total Amount: $370,897
Role: Co-Investigator

-Health Resources and Services Administration (HRSA)-Advanced Education in Nursing
Graduate Nursing Informatics Education
D09HP09358 **Demiris** (PI)
7/1/2008 – 6/30/2011   4.2 calendar
Total Amount: $821,075

This training grant uses problem based learning and distance learning technologies to deliver graduate education in clinical informatics and patient centered technologies to students with a clinical background.
Role: Principal Investigator

-Health Resources and Services Administration
DHHS-HRSA U1KHP09543 Zierler (PI)
07/01/08 – 06/30/11
Nursing Technology Collaborative
The purpose of this new application is to create a five-state nursing collaborative to develop faculty expertise in using web-based technologies and simulation to enhance educational opportunities for students. We will develop a web-based Technology Toolkit that would include recommendations and proven strategies for integrating various types of technology (simulation, informatics, web-based methods, and distance learning technologies) into curriculum.
Role: Co-Investigator

-National Institutes of Health (NIH)/ National Institute for Nursing Research (NINR)
Enhancing Cultural Congruence in Hospice Care
R21NR010725   Doorenbos (PI)
06/01/08-05/31/11   1.8 calendar
Total Amount: $380,000
Enhancing Cultural Congruence in Hospice Care This cluster-randomized trial has three specific aims: To evaluate the effect of a web-based cultural competence communication intervention for hospice nurses (1) on quality of communication as assessed by family caregivers; (2) on family caregiver outcomes of anxiety, caregiver burden, and trust of the nurse; and (3) on the processes reflective of hospice nurse's cultural competence.
Role: Co-Investigator

• National Science Foundation
NSF IIS-0703692 Skubic (PI)
1/1/2008 - 12/31/2010   0.72 calendar
Total amount:$900,000
Subcontract from University of Missouri for NSF grant
Elder-Centered Recognition Technology for the Assessment of Physical Function
Subcontract to University of Missouri for NSF grant $31,885
The aim of this project is to investigate technology for eldercare, specifically vision-based recognition methods for multi-person environments, which are designed to capture assessments of older adults' physical function and evaluate its usability for the target population.
Role: Co-I (PI of subcontract)

• National Institutes of Health (NIH)/ National Institute on Aging (NIA)
1R21 AG026412-02   He (PI)
7/1/07-6/30/2009
Automated video sensor network for eldercare
$288,197
This project explored new information technologies to assist the independent living of elderly people and enhance their quality of life at home, while efficiently utilizing the time and attention of caregivers and eldercare specialists. A privacy-protecting wireless video sensor network was developed to collect continuous video data about the activities of elderly residents at home.
Role: PI of subcontract with the University of Missouri, Effort: 8%

- National Institutes of Health (NIH)/ National Cancer Institute (NCI)
1 R21 CA120179-01   Parker Oliver (PI)
9/1/06-8/30/08
Patient and Family Participation in Hospice Meetings
$367,500
Role: PI of subcontract with University of Missouri, Effort 13%

- NINR/ NIH
NR010896-01 Doorenbos (PI)
Reducing health disparities at end-of-life
08/13/09-08/30/11   1.8 calendar
This project will expand interactive, web-based training materials designed to improve the effectiveness of communication between clinicians and patients from diverse populations, in order to improve the quality of health care at end of life. This project will evaluate the effect of the web-based training for primary health clinicians on quality of end of life communication as assessed by patients and with content-based coding of clinician communication with patients.
Role: Co-Investigator

- National Science Foundation
NSF-ITR 0428420   Skubic (PI)
10/1/04-10/1/08
Technology Interventions for Elders with Mobility and Cognitive Impairments
$1,200,000
This project aims to develop and evaluate "smart home" technologies in an independent living facility. The technology based interventions aim to improve senior residents' quality of life, independence and clinical outcomes.
Role: PI of subcontract with University of Missouri, Effort: 13%

- John A Hartford Foundation   Parker Oliver (PI)
9/1/04-9/1/06
Geriatric Telemedicine Intervention for Social Work Practitioners $200,000
This project seeks to explore the use videophones as an intervention tool for social workers in a rural hospice program. The project seeks to help social workers lower caregiver anxiety through the use of virtual visits in place of standard telephone contact.
Role: Co-I, Effort 10%

- NLM-NIH 5T15 LM007089-13   Caldwell (PI)
8/1/05-8/30/06
Biomedical and Health Informatics Research Training Grant $ 627,874
This project is the training program sponsored by the National Library of Medicine for pre- and postdoctoral fellows who receive training in biomedical and health informatics.
Role: Co-PI, Effort: 5%

- US Administration on Aging   Rantz (PI)
09/29/05-2/28/07
Technology to Enhance Aging in Place at TigerPlace
$979,104
The focus of this project is the development and evaluation of information technology applications that support older adults' independence and quality of life.
Role: Co-PI, Effort: 5%

- Missouri Department of Mental Health   Farmer (PI)

6/1/04-5/30/05
Missouri Autism Project Registry
The goal of the Missouri Autism Project Registry is to provide a comprehensive information resource that will direct Missouri state policies and service decisions; provide families and health care providers with supportive, relevant autism information; and facilitate research that will improve the outcomes of Missouri children and adults with autism.
Role: Co-PI, Effort 10%

- International Catherine Pouget Research Award, MAPI Research Institute
Demiris (PI)
1/1/04-1/1/06
Exploring the potential of telehospice $10,000
This project is a pilot study that focuses on the usability of commercially available videophones and their potential use in a hospice setting where the videophone could potentially enhance hospice services delivered to patients and their caregivers at their home.
Role: PI

Internal Funding:
School of Nursing-Research and Intramural Funding Program Review (RIFP) and de Tornyay Center on Aging
Feasibility of Internet of Things Technologies to Support Aging (PI: Demiris)
4/1/2017-7/31/2018
Role: Principal Investigator

School of Nursing-Research and Intramural Funding Program Review (RIFP) and de Tornyay Center on Aging
Establishing efficacy of a novel intervention to reduce risk of falls in persons with mild cognitive impairment (PI: Thompson)
11/1/2014-10/30/2015
Role: Co-Investigator

School of Nursing –Research and Intramural Funding Program Review (RIFP)
Spouse Caregivers Biomarker Study (PI: Lewis)
8/1/2013-7/31/2014
Role: Co-investigator

School of Nursing –Research and Intramural Funding Program Review (RIFP)
Feasibility of Studying Biologic Mechanisms related to Exercise and Cancer Survival in the Livestrong YMCA Program (PI: Reding)
8/1/2013-7/31/2014
Role: Co-investigator

School of Nursing - RIFP
7/1/2007 - 6/30/2008
Video Support at Home for Adherence to Regular Exercise for Older Adults (PI: Nguyen)
Role: Co-Investigator
The aim of this innovative pilot study is to determine the feasibility and preliminary efficacy of using simple video communication technologies to connect isolated, older adults to a self-designated exercise partner and as a dyad, participate in a 3-month, home-based, low intensity strengthening and stretching exercise program.
    ☐
School of Nursing - Center for Woman's Health and Gender Research

Enhancing end of life communication between clinicians and family caregivers Doorenbos (PI)
4/1/2007 - 3/31/2008
Role: Co-Investigator
The objectives of this exploratory study are: to evaluate the feasibility of our recruitment and retention protocols for hospice family caregivers; to design a Family Caregiver Communication Toolkit and to pilot test, among hospice family caregivers, a family caregiver cultural communication intervention.

University of Missouri Research Board   **Demiris** (PI)
9/1/05-8/31/06
Video-Mediated Communication in Hospice Care
$19,000
This project investigates the use of video-mediated communication tools in home hospice and explores their impact on caregivers and hospice providers.
Role: PI

European Union Center, Faculty Research Grant;   **Demiris** (PI)
5/1/03-10/1/03
e-Health: Examination of Policies in the US and EU
This project included a comparison of legislative efforts in the United States and the European Union in the area of e-health. Specifically, within this project, an analysis and comparison of HIPAA and the European Data Directive were completed.
Role: PI

MU Research Council;   Khatri (PI)
2003
Managing People and Information for Competitive Advantage in Health Care
Amount: $7,270
Role: Co-Principal Investigator

MU Research Council;   Parker Oliver (PI)
2003
Usability Study of a Telehospice System
Amount: $3,750
Role: Co-Principal Investigator

MU Alumni Incentive Grant;   **Demiris** (PI)
2003
A Preliminary Needs-Assessment Study for a Telehospice System.
Amount: $1,400
Role: Principal Investigator

European Union Center Faculty Research Grant   **Demiris** (PI)
2003
e-Health: A comparison of trends and policies in the EU and US
Amount: $2,500
Role: Principal Investigator

Service Activities
Editorial boards
- Editorial Board Member, Novel Applications of Virtual Communities in Healthcare (2017)
- Area Editor for Consumer Health Informatics, Health Systems (2011-)
- Member of the Editorial Board of *Research on Aging* (2011-)

- Member of the Editorial Board of the *International Journal of Electronic Healthcare* (2003-)
- Member of the Editorial Review Board of the *International Journal of Health Information* Systems and Informatics (2005-)
- Associate Editor, IEEE Transactions on Information Technology in Biomedicine (2005-2009)
- Associate Editor, International Journal of Telemedicine and Applications (since 2007)
- Member of the Editorial Board, *Journal of Ambient Intelligence and Smart Environments* (2008-2012)

Internal Professional Services:
- Member, Biobehavioral Nursing and Health Informatics Faculty Search Committee (2016-2017)
- Chair, Clinical Informatics Fellowship Faculty Search Committee (2014-2015)
- Member, Biomedical Informatics and Medical Education Diversity Committee (2015-)
- Member, Leadership Team of the ITHS Certificate in Translational Team Science (2015)
- Member, University of Washington Faculty Council on Research (2013-2014)
- Member, School of Nursing Research and Intramural Funding Committee RIFC (2015-2016)
- Chair, School of Nursing Master's Curriculum Committee MCC (2016-2017)
- Member, UW iSchool 2017 Search Committee (2016-2017)
- Member, School of Nursing Faculty Council (2013-2015)
- Member, Patient Quality & Safety Committee for UW School of Medicine Curriculum Renewal (2012-2013)
- Member, University of Washington Adjudication Panel (2012-2014)
- Member, BIME Chair Search Committee, UW School of Medicine (2012)
- Chair, UW BHI Curriculum Revision Working Group (2013-)
- Elected Member, UW School of Medicine Council on Research and Graduate Education; 2010-2013
- Reviewer, Royalty Research Fund, Office of Research, University of Washington 2013, 2016, 2017
- Member, UW School of Nursing Master's Curriculum Committee; 2012-2013
- Member, UW Telehealth Services Advisory Board; 2009-2012
- Member, iSchool Dean Five Year Review Committee (2011-2012)
- Member, Appointments, Promotion and Tenure (APT) Committee, School of Nursing; 2010-2011; 2011-2012; 2012-2013
- Alternate Departmental Representative, Appointments, Promotion and Tenure (APT) Committee, School of Nursing; 2009-2010
- Member, UW Institute for Translational Health Sciences (ITHS) Small Pilot Grants review committee, 2008-2009; 2009-2010
- Convener, Strategic Planning Committee, School of Nursing, 2010-2011
- Chair, Informatics Work Group, School of Nursing, 2009-2010
- Member, MS Task Force, UW School of Nursing 2008-2009
- Member, Admissions Committee, Biomedical and Health Informatics (BHI), School of Medicine, University of Washington (2006-2007; 2007-2008; 2008-2009; 2009-2010; 2010-2011; 2011-2012 (Chair); 2012-2013 (Chair); 2013-2013 (Chair); 2014-2015 (Chair); 2015-2016 (Chair); 2016-2017 (Chair))
- Member, PhD Qualifying Exam Committee, Biomedical and Health Informatics, School of Medicine, University of Washington (2007-2008, 2008-2009 (Chair))
- Member, Search Committee for Faculty Position in Public Health Informatics, Schools of Medicine and Public Health, University of Washington (2007-2008)
- Core Faculty Member of the National Library of Medicine (NLM) Biomedical and Health Informatics Research Training program at the University of Missouri (2002-2006)
- Fellow, Center for Health Care Quality, University of Missouri-Columbia (2002-2006)
- Fellow, Center of Excellence on Aging, University of Missouri-Columbia (2003-2006)

- Member of the Academic Cabinet of the European Union Center at the University of Missouri-Columbia (2002-2006)
- Adjunct Assistant Professor, Sinclair School of Nursing, University of Missouri-Columbia (2004-2006)
- Member of the Admissions Committee of the Health Management and Informatics Department (2002-2006)
- Member of the Selection Committee of the National Library of Medicine (NLM) Biomedical and Health Informatics Research Training Program at the University of Missouri-Columbia (2004-2006)
- Member of the Search Committee for Assistant/Associate Professor(s) in Health Management, Department of Health Management and Informatics (2003-2005)
- Chair of the Search Committee for Assistant/Associate Professor(s) in Biomedical and Health Informatics, Department of Health Management and Informatics (2004, 2005)

External Professional Services:
Leadership Roles
- Member, National Advisory Council for Nursing Research, 2016-
- Member, ACMI (American College of Medical Informatics) Elections and Nominations Committee (2017)
- Invited Reviewer for: Jette AM, Spicer CM, Flaubert JL (Eds) The Promise of Assistive Technology to Enhance Activity and Work Participation. Committee on the Use of Selected Assistive Products and Technologies in Eliminating or Reducing the Effects of Impairments; Board on Health Care Services; Health and Medicine Division; National Academies of Sciences, Engineering, and Medicine, The National Academies Press, Washington DC, 2017
- Member, External Advisory Board, Roybal Center for Translational Research on Aging "Strengthening Informal Support Resources with Strategic Methodological Advances" (PI. D. Roth), Johns Hopkins University (2015-2017)
- Chair, External Review Committee for the 2014-2015 Graduate Council Review of the University of Utah Department of Biomedical Informatics
- Chair of the International Medical Informatics Working Group on Smart Homes and Ambient Assisted Living (2006-2012)
- Guest Editor on a Special Topic Issue for Methods of Information in Medicine entitled "Smart Homes and Ambient Assisted Living in an Aging Society" (Call for Papers May 2007)
- Member of the International Medical Informatics Association (IMIA) Educational Taskforce (2007-2012)
- Member of the American Medical Informatics Association (AMIA) Publications Committee (2008-2010)
- Member of the American Medical informatics Association (AMIA) International Affairs Committee (2010-2015)
- Member of the American Medical Informatics Association (AMIA) Working groups Steering Committee (2010-2013)
- Chair of the Knowledge in Motion Working Group, American Medical Informatics Association (AMIA) (2006-2008); Past Chair (2008-2010)
- Lead Convener, Special Interest Group, Technology and Aging, Gerontological Society of America (GSA) (2009-2012)
- Chair- Human Factors Special Interest Group, American Telemedicine Association (ATA) (2008-2010); Immediate Past-Chair (2010-2012)
- Member, Behavioral and Social Science Section Representative to the Gerontological Society of America (GSA) Information Technology Committee (2009)
- QUIPU: Andean Global Health Informatics Research and Training Center, Scientific Advisory board Member (2009-present)

Conference Committees
- American Medical Informatics Association (AMIA) 2017 Scientific Program Committee (SPC), Member
- American Medical Informatics Association (AMIA) InSpire 2017 Program Committee, Member
- American Medical Informatics Association (AMIA) 2014 Scientific Program Committee (SPC), Member
- ACM Ubicomp Workshop on Smart Health Systems and Applications, Sept. 14, 2014, Seattle, WA, Organizing Committee Member
- 15th World Congress on Medical Informatics Medinfo 2015, Sao Paulo, Brazil, Scientific Program Committee Member
- Home Healthcare and Hospice Information Technology Conference (H3IT), Program Committee Chair (1st H3IT Conference in Washington DC 2014, 2nd H3IT Conference in Nashville, TN 2015, 3rd H3IT Conference in Chicago, IL 2016)
- IASTED International Conference on Portable Lifestyle Devices (PLD 2012), Honolulu, Hawaii; June 18-20, 2012. Member of the International Program Committee
- IASTED International Conference on Telehealth (Telehealth 2012), Innsbruck, Austria; February 15 – 17, 2012, Member of the International Program Committee
- 13th International Conference on e-health Networking, Application and Services, June 13-15, 2011, Columbia MO, USA, Program Co-Chair
- SmartE (Smart Environments to Enhance Health Care) Workshop Chair, IEEE international Conference on Pervasive Computing and Communications, March 21-25, 2011, Seattle, WA, USA
- HIMoA 2011 (International Workshop on Managing Health Information in Mobile Applications), 6-9 June, 2011, Luleå, Sweden; Member of the Program Committee
- 2nd International Symposium in Ambient Intelligence (ISAmI 2011, Salamanca, Spain April 6-8, 2011; Member of the Program Committee
- Intelligent Environments 2010, Kuala Lumpur, Malaysia, July 19 – 21, 2010; Member of the Program Committee
- International Society for Gerontechnology, 7th World Conference, Vancouver, Canada, May 27-30, 2010; Member of the International Scientific Board
- IADIS International Conference on e-Health 2009, Algarve Portugal, June 21-23, 2009; Member of the Program Committee
- Third International Conference on Pervasive Computing Technologies for Healthcare 2009, London, UK, April 1-3, 2009; Member of the Technical Program Committee
- eTELEMED 2009, The International Conference on eHealth, Telemedicine, and Social Medicine, Cancun, Mexico, February 1-6, 2009; Member of the Program Committee
- 4th IET International Conference on Intelligent Environments (IE08); Seattle, WA, USA; July 21-22, 2008, Member of the International Program Committee
- PETRA (Pervasive Technologies Related to Assistive Environments) 2008 Workshop on Behaviour Tracking for Adaptive Assistive Environments, July 15-19, 2008; Athens, Greece; Member of Scientific Committee
- Supportive Technology and Design for Healthy Aging 2008. University of Washington Institute on Aging Conference, June 2008; Seattle, WA; Member of the Organizing Committee
- IASTED International Conference on Assistive Technologies (AT 2008) Baltimore, USA; April 16-18, 2008, Member of the International Program Committee
- Tromso Telemedicine and e-Health conference 2008 (Tromso, Norway; June 9-11, 2008), Member of the Scientific Committee
- Track Chair, Associate Editor, IEEE Conference on Automation Science and Engineering 2008 (IEEE CASE 2008), August 23-26, 2008; Washington D.C.
- Track Chair, Associate Editor, IEEE Conference on Automation Science and Engineering 2007 (IEEE CASE 2007), September 22 - 25, 2007; Scottsdale, Arizona

- International Association of Science and Technology for Development (IASTED) International Conference on Telehealth 2007 (Montreal, Canada; May 31-June 1, 2007), Member of the International Program Committee
- Supportive Technology and Design for Healthy Aging 2007. University of Washington Institute on Aging Conference, May 11-12, 2007; Seattle, WA; Member of the Organizing Committee
- Member of the Scientific Committee of the 4th International Conference on Information Communication Technologies in Health (2006)
- International Association of Science and Technology for Development (IASTED) International Conference on Telehealth 2006 (Banff, Canada; July 3-5, 2006), Member of the International Program Committee
- International Association of Science and Technology for Development (IASTED) International Conference on Telehealth 2005 (Banff, Canada; July 19-21, 2005), Member of the International Program Committee
- International Association for Computer Information Systems (IACIS) Pacific 2005 Conference in Taipei-Taiwan, Reviewer (2005)
- Member of the Scientific and Organizing Committees of the 3rd International Conference on Information Communication Technologies in Health (2005)
- Hawaii International Conference on System Sciences 2005, Data and Knowledge Management in Health Care Track, Reviewer
- MEDINFO 2004, Reviewer
- Member of the Scientific Committee of the 2nd International Conference on Information Communication Technologies in Health (2004)

Journal/ Conference Reviews
- Medinfo Conference 2017
- Death Studies (2017)
- Journal of Pain and Symptom Management (2017)
- American Psychological Association's conference on Technology, Mind, and Society (2018)
- BMJ Quality and Safety (2017)
- Ethics and Information Technology (2015)
- Contemporary Clinical Trials (2014)
- Sensors (2014)
- Journal of the American Geriatrics Society (2014)
- 2014 IMIA Yearbook of Medical Informatics (2014)
- Journal of the American Medical Informatics Association (2013, 2014, 2015, 2016, 2017)
- Applied Clinical Informatics (2013, 2017)
- The Gerontologist (2014, 2015)
- Transactions on Computer-Human Interactions (2013, 2014)
- 2013 IMIA Yearbook of Medical Informatics (2013)
- Health Affairs (2012)
- 2012 IMIA Yearbook of Medical Informatics (2012)
- Nursing Outlook (2012)
- BMC Medical Informatics and Decision Making (2011)
- 11th International Congress on Nursing Informatics 2012
- Geriatric Nursing (2011, 2012)
- Research on Aging (2011, 2012, 2016)
- Informatics for Health and Social Care (2011, 2013)
- 2011 IMIA Yearbook of Medical Informatics (2011)
- 6th International Conference on Intelligent Environments (2010)
- International Journal of Medical Informatics (2010, 2015)
- Journal of Palliative Medicine (2009, 2011, 2012, 2014, 2017)

- American Medical Informatics Association (AMIA) Annual Conference (2009, 2010, 2011, 2012, 2013, 2015, 2016)
- American Telemedicine Association Annual Conference (2009, 2010)
- Gerontological Society of America (GSA) Annual Scientific Meeting (2009, 2010)
- Intelligent Environments Conference (2008, 2010)
- 2nd International Conference on Pervasive Technologies Related to Assistive Environments (PETRA), Workshop on "Affect and Behaviour Related Assistance in Support for the Elderly" (2009)
- 2009 IMIA Yearbook of Medical Informatics (2009)
- BMC Medical Informatics and Decision Making (2009)
- Pervasive and Mobile Computing (2008)
- Technology and Health Care (2008, 2009)
- American Medical Informatics Association (AMIA) 2008 Annual Symposium
- Medical Informatics Europe (MIE) 2008 Conference
- Telemedicine and e-Health (2007)
- Cambridge Quarterly for Healthcare Ethics (2007)
- Pervasive and Mobile Computing (2008)
- Journal of Rural Health (2007)
- Journal of Medical Systems (2007)
- Journal of Telemedicine and Telecare, Reviewer (2005, 2007, 2008, 2010, 2012)
- Journal of the American Medical Association (JAMA), Reviewer (2005)
- Patient Education and Counseling, Reviewer (2004, 2005, 2006, 2007, 2008)
- Journal of Postgraduate Medicine, Reviewer (2005)
- General Hospital Psychiatry, Reviewer (2004)
- International Journal of Electronic Healthcare, Reviewer (2003, 2004, 2005)
- Expert Review of Anti-Infective Therapy (2006)
- IEEE Transactions on Information Technology in Biomedicine, Reviewer (2004, 2005, 2006, 2007, 2008)
- Journal of Medical Internet Research, Reviewer (2003, 2004)

Grant Reviews
- *COMMIT2DATA Programme* "Data2Person-Big Data and Health", The Netherlands Organisation for Scientific Research, Dutch Research Council (January 2018)
- Ontario Research Fund, Ministry of Research, Innovation and Science, Ontario, Canada (January 2018)
- NIH National Institute of Nursing Research (NINR), Special Emphasis Panel, ZNR1 REV-W (13), Institutional Research Training Grants, Member (October 20, 2015)
- NIH National Institute of Nursing Research (NINR), Initial Review Group NRRC (64), Ad Hoc Member, October 19-20, 2015
- Patient-Centered Outcomes Research Institute (PCORI) Fall 2014 Cycle-Large Pragmatic Studies, Review Panel (February 9-10, 2015)
- NIH Technologies for Healthy Independent Living Review Panel (ZRG1 SBIB-Q 58) (January 16, 2015)
- Ontario Research Fund-Research Excellence Round 7, Ministry of Research Innovation, Grant Reviewer (October 2014)
- NIH National Institute of Nursing Research (NINR), Initial Review Group NRRC, Standing Member 2010-2014
- NIH National Institute of Nursing Research (NINR), Special Emphasis Panel, ZNR1 REV W10, Institutional Research Training Grant (October 2012)
- NIH National Institute of Mental Health (NIMH), Special Emphasis Panel/ Scientific Review Group ZMH1 ERB-D (03) (December 2012)
- Center for Scientific Review, RFA No: PI-12-001/ PCORI 15, Special Emphasis Panel 2012/08 Council ZRG1 IMM-H (70) (February 2012)

- NIH National Institute of Nursing Research (NINR), Special Emphasis Panel, ZNR1 REV-W 08, Institutional Research Training Grants (October 2011)
- NIH ZEB1 OSR-B(J1) R Technologies to Reduce Health Disparities SBIR 2011/01, Reviewer (November 2010)
- NIH Stage 1 reviewer for grant applications submitted in response to RFA-10-005 (Recovery Act Limited Competition: Director's Opportunity for Research in Five Thematic Areas) (May 2010)
- NIH National Institute of Nursing Research (NINR), Initial Review Group NRRC (47), Ad Hoc Member (Feb. 18-19, 2010)
- NIH National Institute of Nursing Research, Initial Review Group NRRC (46), Ad Hoc Member (Oct. 15-16, 2009)
- NIH National Institute for Mental Health (NIMH)-Services in Mental Health Specialty Settings (SRSP) Review Committee, Member (February 2008)
- NIH Special Emphasis Panel, Study Section, NIDCR Exploratory and Developmental Grants in Clinical Research (R21), Member (May 2007)
- Academy of Finland, Finnish-Japanese Core Programme on Life Sciences and Medical Science, Reviewer (January 2007)
- Netherlands Organisation for Health Research and Development-ZonMW, New Media and Healthy Living, Reviewer (December 2005)
- Centers for Disease Control and Prevention-Centers of Excellence in Public Health Informatics, Member of the Review Panel (August 2005)
- Centers for Disease Control and Prevention- Health Protection Research Initiative Institutional Research Training Grant Panel, Expert Scientific Reviewer (August 2004)
- U.S. Army Medical Research and Materiel Command (USAMRMC), Scientific Reviewer (2004)

Teaching:
- GEN ST 197 Freshman Seminar-Technology and Aging: New Opportunities and Challenges (University of Washington)
    - -Winter 2015 (15 students)
- NURS599 Aging and Informatics Seminar (University of Washington)
    - -Winter 2015 (16 students)
    - -Spring 2015 (9 students)
    - -Fall 2015 (6 students)
    - -Winter 2016 (5 students)
    - -Spring 2016 (5 students)
    - -Fall 2016 (7 students)
    - -Winter 2017 (6 students)
    - -Spring 2017 (6 students)
- BioMedical Informatics MBL/NLM Course Instructor (Consumer Informatics and Social Media; Telehealth and Mobile Devices) - Marine Biological Laboratory, Woods Hole, MA. Sponsored by the National Library of Medicine. Fall Course, 2013.
- MEBI591A (1 credit) Robotic Companion Pets for Older Adult Wellness (faculty sponsor, led by student A. Lazar)
    - -Winter 2014 (15 students)
- MEBI591A (1 credit) Technologies to Support Aging: Implications for Design, Implementation and Evaluation
    - -Winter 2013 (33 students)
- MEBI537 (4 credits) Biomedical Informatics Research Methods (University of Washington)
    - -Winter 2011 (9 students)
- NSG540/MEBI 581 (3/4 credits) Telehealth Systems and Applications (University of Washington)
    - -Summer 2016 (23 students)

- -Summer 2015 (20 students)
  -Summer 2014 (21 students)
  -Summer 2013 (14 students)
  -Summer 2012 (12 students)
  -Summer 2010 (19 students)
- MEBI554/598 (3 credits) Biomedical Information Interactions and Design (University of Washington):
  - Spring 2008 (9 students)
- NURS526 (3 credits) Managing Organizational Effectiveness in Health Care Organizations (University of Washington):
  - Spring 2008 (21 students)
  - Spring 2007 (8 students)
- University of Missouri-Course Title: *"Design and Management of Health Information Systems"*
  Course Nr: HMI7430 Health Management and Informatics, University of Missouri-Columbia
  Graduate course taught for both the residential and executive (distance learning) management and informatics graduate programs
  -Fall Semester 2002 (residential) (28 students)
  -Fall Semester 2002 (executive) (9 students)
  -Winter Semester 2003 (executive) (9 students)
  -Fall Semester 2003 (residential) (27 students)
  -Fall semester 2003 (executive) (9 students)
  -Winter Semester 2004 (executive) (17 students)
  -Fall Semester 2004 (residential) (24 students)
  -Fall Semester 2004 (executive) (9 students)
  -Winter Semester 2005 (executive) (22 students)
  -Fall Semester 2005 (residential) 921 students)
  -Fall Semester 2005 (executive) (14 students)
  -Winter Semester 2006 (executive) (25 students)
- University of Missouri Organization of the weekly Informatics Noon Seminar (incl. Identifying and inviting guest speakers on and off campus-Winter Semester 2003, Fall Semester 2003, Winter Semester 2004, Fall Semester 2004, Winter Semester 2005, Fall Semester 2005)
- Course Title: *"Introduction to Informatics in Health Care"*
  Graduate Masters Program in Health Economics, National School of Public Health (Fall Semester 2001)

Mentoring/ Advising:
Faculty Advisor for:
- 67 graduate MSc students in Clinical Informatics and Patient Centered Technologies (CIPCT) at the University of Washington (2006-)
- 30 graduate MSc students in Health Informatics at the University of Missouri (2002-2006)
- pre-doctoral fellows Karen Courtney (2003-2006); Sara Stewart (2005-2006);
- librarian NLM fellow Catherine Craven (2005-2006)
- Post-doctoral Trainees:
  -Steven Waldren (2002-2004, Training Grant T15 LM007089)
  -Brian Hensel (2005-2006, Training Grant T15 LM007089)
  -Blaine Reeder (2011-2013, Training Grant T32NR007106)
  -Mandi Hall (2013-2015, Training Grant T15LM007442)
  -Uba Backonja (2014-2016, Training Grant T15LM007442)
  -Youjeong Kang (2014-2016, Training Grant T32NR014833)

PhD Chair (in the last five years) for:

-PhD in Biomedical and Health Informatics, UW School of Medicine
- Shomir Chaudhuri (2010-2015); Examining the Feasibility and Accessibility of a Fall Detection Device. (Defense: February 2015)
  - Predoctoral Fellow 2012-2014 (T15LM007442)
- Thai Le (2010-2014); Design and Evaluation of Health Visualizations for Older Adults. (Defense: December 2014)
  - Predoctoral Fellow 2010-2013 (T15LM007442)
- Jonathan Joe (2010-2015); Designing Wellness Tools for and with Older Adults. (Defense: June 2015)
  - Predoctoral Fellow 2010-2013 (T15LM007442)
- Amanda Lazar (2011-2015); Using Technology to Support Engagement for People with Dementia in Recreational Activities. (Defense: June 2015)
  - Predoctoral Fellow 2011-2013 (T15LM007442)
- Laura Kneale (2013-2017); Using Personal Health Records to Promote Patient Activation in the Homebound Older Adult Population.
  - Predoctoral Fellow 2013- (T15LM007442)
  - University of Washington Retirement Association Graduate Student Fellowship in Aging (2015-2016)
  - 2015 HIMSS Foundation Doctorate Scholarship
- Blaine Reeder (2007-2010); Characterizing information needs for public health continuity of operations: A scenario-based design approach (Defense: August 2010)
  - Predoctoral Fellow 2008-2011 (T15LM007442)

-PhD in Nursing, UW School of Nursing
- Anne Poppe (2009-2015); Feasibility of Telehealth Technology for Pain Assessment in Adult Family Homes. (Defense: June 2015)
  - NLN Jonas Scholar 2011-2012 (Sponsor: G. Demiris)
- Nai Ching Chi (2013-2017); Pain Management Challenges for Family Caregivers in Hospice Care: An Exploratory Study and Utility Test of an Educational Tool to Support Pain Management. (Defense: July 2017)
  -University of Washington Retirement Association Scholarship in Aging (2016)
- Jeff Tebbs (2016-)
  - NLN Jonas Scholar 2016-2017 (Sponsor: G. Demiris)
- Ellen S. Meyer (2011-)
  - Predoctoral Fellow 2011-2012 (T32NR007106)
  - 2013-2014 King County Nurses Association (KCNA) Scholarship (Mentor: Demiris)
- Jane Chung (2010-2014); Feasibility testing of home-based sensor technologies to monitor mobility among community-dwelling Korean American older adults. (Defense: June 2014)
  - 2012-2013 deTornyay Myrene C. McAninch Doctoral Scholarship (Mentor: Demiris)
  - 2013-2014 King County Nurses Association (KCNA) Scholarship (Mentor: Demiris)
  - 2013-2014 Dan David Prize (Study: In-home Use of Motion Sensor-based Technology for Monitoring Mobility in Community-Dwelling Korean American Older Adults; Mentor: Demiris)
  - University of Washington Dissertation Award in Nursing Science (2015)

MS Thesis/ Project Chair for:
Current students:
- Samantha Schmidt
- Chiquyla Holloway
- Kaitlin Henningsen
- Vivienne Dang
Completed:

- Jason Stevens: Bloodworks NW Ergonomics Assessment Database. (Defense: August 2017)
- Janice Milliman: Planned Parenthood Care App Patients Seeking Subsequent In-Person Care at Planned Parenthood Clinics (Defense: May 2017)
- Jeff Wong: Development of a Web Based Educational Module for Clinicians to Improve Communication Around Pain Management In Hospice. (Defense: May 2017)
- Maggie Wong: Telehealth Programs for Type 2 Diabetes Patients: A Systematic Review of the Literature. (Defense: March 2016)
- Nai-Ching Chi: Evaluating a Digital Pet for Older Adults. (Defense: May 2016)
- Olivia Sparks: Observing the Social Interactions and Acceptance of Digital Avatar Pet Companions Among Older Adults with Mild Cognitive Impairment. (Defense: March 2016)
- Erik Oteki: Assessment of the Current Information Technology in Skilled Nursing Facilities and Assisted Living Facilities in Dallas/Fort Worth (Defense: March 2016)
- Chun Ho Moon: Understanding optimization processes of electronic health records (EHR) in select hospitals. (Defense: December 2015)
- Michael Mossing: Best Practice Recommendations for Telepsychiatry Interventions: A Systematic Review of the Literature. (Defense: June 2015)
  -University of Washington Master Of Science Outstanding Student Award 2015
- Betty Harrill: What Information is Available Regarding Using Technology to Support Well Care. (Defense: March 2015)
- Tara Law: Synthesis in Support of Interface Design for Medical Devices Worn by Older Adults. (Defense: December 2014)
- Helen Jose: Acceptance of and Adherence to Wearable Medical Devices. (Defense: December 2014)
- Stephen McGlothlin: The Alaska Federal Healthcare Access Network: An Evaluation of Caregiver Perceptions. (Defense: December 2014)
- Mita Pandya, Tuan Truong: Health Information Exchange: Literature Review and Case Study of Provider Perception of Care Everywhere at UWNC (Defense: March 2014)
- Jane Chung: The Use of Think-Aloud to Evaluate a Navigation Structure for a Multimedia Health and Wellness Application (Defense: December 2013)
  -Outstanding Master's Student Award UW School of Nursing 2012
- Staci Garrison, Kailley Tollefson: Epic Clinical Reporting and the ICD-10 Conversion (Defense: August 2013)
- Misty Anguiano: Adoption of Electronic Health Records and the Ambulatory Physician: A Literature Review (Defense: June 2013)
- Joshua Brocklesby: Comparison Of Medical Order Sets In Washington State (Defense: June 2013)
- Sebina Pettengill: Development of a Process to Choose a Home Health Care Electronic Medical Record Vendor. (Defense: June 2013)
- Carolin Spice: Providers' Perspective on the Inclusion of Behavioral Risk Measures in the Electronic Health Record for Patient Engagement of Individuals with Multiple Chronic Conditions. (Defense: March 2013)
- Alison Murray: Evaluating Current Trends in Telemonitoring Throughout the Course of Full-Term Pregnancies: A Review of Literature. (Defense: March 2013)
- Pamela Charney: Knowledge and Attitudes of Registered Dietitians and Clinical Nutrition Managers Regarding Use of Computers and Technology in the Workplace; A Survey Face Validation (Defense: December 2012)
- Angie Mendoza: How the Transition from a Best of Breed EHR to an Integrated EHR with CPOE Affects Nurses and Nurses' Work (Defense: November 2012)
  Outstanding Master's Student Award UW School of Nursing 2013
- Marjorie Kelley: Secondary Analysis of Caregiver Pain Management Issues during Telehospice versus In-person Interventions (Defense: March 2012)
  Outstanding Master's Student Award UW School of Nursing 2012

- Darla N. Saville: A retrospective study of informal caregivers living with hospice patients, commonly reported problems, and reactions to videophone technology. (Defense: February 2012)
- Matthew Johnson: Assessing the Training and Support Needs of Inpatient Nurses in a Healthcare IT Implementation (Defense: December 2011)
- Jaime Boquet: The Role of End-User Involvement in the Implementation of an Electronic Medical Record (Defense: June 2011)
- Hyacinth Sales: End-User Assessment of a Computerized Modified Early Warning System: Physician and Nurse Perceptions (Defense: December 2010)
- Mardi C. Labuguen: Comparing the Impact of Dictated and Directly-Entered Procedure Notes on Patient Safety-Related Variables and Cost Outcomes (Defense: December 2009)
- Jessica Loetel: Nurses' acceptance of an electronic medical record (Defense: March 2009)
- Martha Hsueh: Family Members' Perceptions of Physical Restraint Use in the Hospital: A Descriptive Study (Defense: March 2009)

MS in Biomedical and Health Informatics-UW School of Medicine
- CJ Inman: Clinical Effectiveness and Patient Satisfaction of Telemedicine in Pediatric Rheumatology (Defense: June 2009)
- Arvind Vasan: Evaluation of the Performance of an Electronic Incidence Reporting System: Determining Ease of Use, User Feedback and Root Cause Analysis (Defense: September 2008)

Member of the MS/ PhD/ DNP Capstone Supervisory committee (in the last five years) for
- DNP students:
    - Jason Priestley Madrano (UW Nursing) (2011-2012; SMS 4 LTBI: Text message reminders to increase appointment attendance and improve medication adherence among patients with latent tuberculosis infection. Chair: June Strickland)
    - Emily Hilderman (UW Nursing) (2011-2013; A web based resource to improve dementia care: The STAR Online Trainers' Tooolkit: STAR-OTT; Chair: Linda Teri)
    - Yoojin Julie Ko (UW Nursing)
    - Meghan Green (UW Nursing)
    - Martha Hsueh (UW Nursing)
    - Jane Baltimore (UW Nursing) (2007-2009; Implementation of Alaris "smart" infusion pumps at HMC: QI Project; Chair: Brenda Zierler)
- PhD students:
    - Tsung-Chien Lu (UW Biomedical and Health Informatics)
    - Hyunggu Jung (UW Biomedical and Health Informatics)
    - Chia-Ju Chiu (UW Nursing)
    - Meredith Skeels (UW Biomedical and Health Informatics)
    - Walter Curioso (UW Biomedical and Health Informatics)
    - Donghua Tao (Information Science and Learning Technologies, University of Missouri)
    - Karen Courtney (Nursing, University of Missouri)
    - Michele Day (School of Social Work, University of Missouri)
  MS/MN students:
    - Bre Loughlin (MS, UW School of Nursing) (2016-2017)
    - Anke Hebing (MS, UW School of Nursing) (2016-2017)
    - Anna Taylor (MS, UW School of Nursing) (2016)
    - Earl Scott (MS, UW School of Nursing) (2014-2015)
    - Jamie Callahan (MS, UW School of Nursing) (2014)
    - Si Feng (MS, UW School of Nursing) (2014)

- Rachel Ostrander (MN, UW School of Nursing) (2012-2013; Older adults, physical activity and targeted messaging; Chair: H. Thompson)
- John-Paul Europa (MS, UW School of Nursing) (2011-2012; An Evaluation of Telehealth Opportunities and Challenges in the Infrastructure of the Northwest Kidney Centers' Home Peritoneal Dialysis Unit; Chair: Nick Anderson)
- Rocky Horan (MS, UW School of Nursing)(2011-2012; Free VoIP Call Quality Comparison: A Systematic Review of Literature; Chair: H. Nguyen)
- Elizabeth Zampino (MS, UW School of Nursing)(2010-2011;Patient Educational Tool for Pulmonary Function Testing; Chair: H. Nguyen)
- Jane Hunt (MS, UW School of Nursing)
- Chad Hiner (MS, UW School of Nursing)
- Linda Hays-Gallago (MS, UW School of Nursing)
- Patrick Treese (MS, UW School of Nursing) (2008-2009; An Examination of the Effects of an Electronic Clinical Documentation System Implementation on Nurses' Attitudes Toward Computerization; Chair: B. Zierler)
- Zheng Cai (MS, Health Management and Informatics, University of Missouri)
- Santosh Vijaykunar (MS, School of Journalism, University of Missouri)

BSN Honors students:
- Christine Comia: Examining the role of socioeconomic status in older adults' attitudes and perceptions towards wearable fall detection devices (2013-2014) (BSN, School of Nursing, University of Washington)
- Robin Tarter: Pain in Hospice Patients with Dementia: the Informal Caregiver Experience (2014-2015) (BSN, School of Nursing, University of Washington)

Memberships
- The Gerontological Society of America (since August 2005)
- American Medical Informatics Association (since May 2000)
- American Telemedicine Association (1998-2011)