

KEYNOTE

J. KAYE. *Making pervasive computing pervasive. Gerontechnology 2018;17(Suppl):3s*; <https://doi.org/10.4017/gt.2018.17.s.003.00> During the past decade, a profusion of technologies and protocols have been developed to more effectively assess and deliver care to older adults with cognitive impairment, challenged health and declining function. These technologies take advantage of important developments in sensing and pervasive computing, wearable technologies, mobile and wireless communications, health information technology and “big data” analytics. Despite great promise, challenges remain to realizing the full potential of these technologies and approaches. Significant gaps in research and development have hampered the spread of this potential. This keynote address will review some of the challenges present in the current landscape and then present recent and ongoing developments that are focused on addressing these challenges. The presentation will highlight efforts that facilitate creating the necessary evidence base for what works and what is needed for particular use cases going forward.