

Mobile and Electronic Health ARC (ME-ARC)
November Seminar

**AI-based Empathic Virtual Companions for
People Living with Dementia**

Mandy Salomon, PhD, MA

Friday, November 14th

12:00-1:00pm

Via Zoom:

<https://tinyurl.com/mearc-fall25>



Mandy Salomon, PhD, MA is the co-founder and chief scientist of Mentia Health. Mandy's research is directed toward leveraging digital technologies to improve the lives of older adults with cognitive decline. Her doctoral work (2016), demonstrated that people with moderate to advanced dementia are capable of sustaining interaction with purpose-built tablet-based virtual environments. Her company, Mentia Health, has translated this research into market-ready engagement technologies now deployed across the aged care sectors of the United States, Australia, and New Zealand. Ongoing research and development, supported by the NIH/NIA, investigates the potential of AI-driven avatar interactions to unobtrusively generate clinically relevant health indicators. This work aims to advance predictive models of acute adverse events, which, if left unmitigated, contribute to diminished quality of life, elevated caregiver burden, and increased strain on healthcare systems.

ME-ARC PI & Director: Belinda Borrelli, Ph.D.

Leadership Team: Daniel Fulford, Ph.D. (Co-Director), Joanne Murabito, M.D. (Co-Director), Lisa Quintiliani, Ph.D.

Have questions? Contact Maria Monteiro by emailing mmonte1@bu.edu

For more information about the Mobile and Electronic Health ARC, please visit: <http://sites.bu.edu/me-arc/>