

## Achieving sustainability in care systems: The potential of technology

### Focus of our current work:

Challenges to care system sustainability that can be addressed using technology; needs of older people living at home that pose the greatest challenge for care system sustainability; existing policy landscape regarding technology and social care in the UK; technologies that have the potential to address challenges to the sustainability of care systems, especially those designed to support ageing in place, regarding: care planning/organisation, care delivery and collection, communication and use of data in adult social care; how and why technologies have been used in other countries to enhance sustainability and outcomes of care systems?

### Our 'achieving sustainability in care systems' team

Led by **Dr Kate Hamblin** (U Sheffield), this team also includes **Dr James Wright** (U Sheffield) and works closely with **Dr Matthew Lariviere**, Innovation Fellow (U Sheffield).

### Key publications on technology and care by Sustainable Care team members

- **Robots vs migrants? Reconfiguring the future of Japanese institutional eldercare** (2019) [Wright, J.](#) Critical Asian Studies 51 (3) 331- 354.
- **The New Frontier of Robotics in the lives of elders: perspectives from Japan and Europe** (2019) [Wright, J.](#) In The Cultural Context of Aging (4th ed.), ed. Jay Sokolovsky. Praeger
- **Tactile care, mechanical Hugs: Japanese caregivers and robotic lifting devices** (2018) [Wright, J.](#) Asian Anthropology 17 (1): 1-16.
- **Technowelfare in Japan: personal care robots and temporalities of care** (2018) [Wright, J.](#) PhD thesis, Faculty of Social Sciences, University of Hong Kong.
- **Researching telecare: the importance of context** (2017). [Hamblin, K.](#), [Yeandle, S.](#), & Fry, G. Journal of Enabling Technologies, 11(3), 75-84. <https://www.emeraldinsight.com/doi/pdfplus/10.1108/JET-04-2017-0016>
- **Telecare, obtrusiveness, acceptance and use: An empirical exploration** (2017). [Hamblin, K.](#) British Journal of Occupational Therapy, 80(2), 132-138.
- **Examining current technology-enabled care practices for people with dementia in the UK: Findings from ACCOMMODATE (A Collaborative, COMMunity-based ethnography Of people living with Dementia using Assistive technology and Telecare at home).** (2017) [Lariviere, M.](#) Alzheimer's and Dementia Supplement, 13(7):157.
- **Implementing solutions to improve and expand telehealth adoption: The case for investment in technology to manage the global costs of dementia.** (2016) Knapp, M, Barlow, J, Comas-Herrera, A, Damant, J, Freddolino, P, [Hamblin, K.](#) et al. Report from the Policy Innovation Research Unit to DH, PIRU: London.
- **Keeping in Touch with Technology? Using telecare and assistive technology to support older people with dual sensory impairment** (2016) [Hamblin, K.](#), [Koivunen, E-R](#) & [Yeandle, S.](#) CIRCLE, University of Sheffield.
- **Frail Older People and their Networks of Support: how does telecare fit in?** (2014) [Yeandle, S.](#) ACTIVE Working Paper No. 2 CIRCLE, University of Leeds.
- **Lifestyles in Later Life: identity choice and stigma** (2014) [Hamblin, K.](#) ACTIVE Working Paper No. 5 CIRCLE, University of Leeds.
- **Risk, Freedom and Control in Older People's Lives: the relevance of telecare.** (2014) [Hamblin, K.](#) ACTIVE Working Paper No. 6 CIRCLE, University of Leeds.

### Completed studies relevant to this topic

- **[Advancing Knowledge of Technologies for Independence and Vitality in Later Life \(ACTIVE\)](#)** (2011-2014) [Funding: Technology Strategy Board], PI Sue Yeandle.
- **Using Technology to Support Older Adults with Dual Sensory impairment** (2014-2015) [Funding: Sense], PI Sue Yeandle

### Other studies our team is involved in on related topics

- **Assistive Technologies that Care for the Caregiver (ATaCC)**, National Centres of Excellence, 2015-2018, Co-I Janet Fast.

### To connect with this team and its work

- Email: [k.a.hamblin@sheffield.ac.uk](mailto:k.a.hamblin@sheffield.ac.uk)
- Visit our webpage <http://circle.group.shef.ac.uk/portfolio/achieving-sustainability-in-care-systems/>

**Sustainable Care: connecting people and systems**