
Exploring Sensory Experiences of Public Transport from the Perspectives of People Living with Dementia

A Data Management Plan created using DMPonline

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Funder: Alzheimer's Society

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Exploring Sensory Experiences of Public Transport from the Perspectives of People Living with Dementia

Manchester Data Management Outline

- Ethics
- Funder

- Yes - Part of a collaboration and not handling data

- Acquire new data

Photography, videography and audio recordings of human participants

- Other storage system (please list below)
- University of Manchester Research Data Storage Service (Isilon)

Encrypted hard drives

- > 8 TB

- No

- 0-4 years

- Audio and/or video recordings
- Anonymised personal data
- Pseudonymised personal data
- Personal information, including signed consent forms

All data will be stored on external hard drives, encrypted using encryption software, and backed up on University of Manchester servers at the earliest opportunity. Hard drives, paper consent forms and capacity assessment records will be stored in a locked secure location when not in use. Paper forms will be digitised as soon as possible and then destroyed.

The project will gather audio recordings of participant interviews. Pseudonyms will be used to protect participant confidentiality, and any other potentially identifiable information will be removed as standard, though participants will be given the option of forfeiting their confidentiality in resulting dissemination materials should they wish to.

The project will collect photo and video of participants. Participants' faces will not be included in visual media unless they formally consent to such inclusion.

- No

- Yes - Informal sharing without contractual arrangements

- No

- No

The PI: James Fletcher

2020-03-11

Project details

This project will investigate the environmental mediation of cognitive impairment, drawing on cutting-edge social and cognitive science to analyse the sensory experiences of people affected by dementia as they negotiate urban public transport networks. The goal is to better understand the ways in which cognition shapes, and is shaped by, people's sensory environments, to inform the development of more dementia-friendly public transport. The project will address problematic conceptualisations of cognition as an intrinsic attribute of the individual brain. Such beliefs are not supported by contemporary neurocognitive science, which reveals that cognition is "distributed", that is, mediated by social and environmental phenomena. Improved understandings of distributed cognition in everyday settings are required to improve public health responses to dementia. This work will benefit people living with dementia by ensuring that their experiences and insights contribute to the improvement of vital public infrastructures. The project will also raise awareness of sensory experiences of dementia in public settings through the creation of a "moving exhibition", embedding

audio-visual media curated by people living with dementia within public transport infrastructures.

- The Data Protection Act 2018
- General Data Protection Regulation
- The University of Manchester Records Management Policy
- The University of Manchester Data Protection Policy
- The University of Manchester Research Data Management Policy

Responsibilities and Resources

The PI - James Fletcher

Storage capacity on the University of Manchester Research Data Storage Service

Data Collection

- Paper capacity assessment records, consultee and consent forms
- Digitisations of the above paper documents
- Audio recordings and digital transcripts of participant interviews
- Photographs and videos of participant journeys

Paper data (capacity, consultee and consent records) will be created through initial meetings with participants. Audio recordings, photographs and videos will be created during ride-along interviews with participants as they use public transport. Audio data will be recorded on audio-recorders using lapel microphones. Photographic and video data will be recorded on a DSLR camera.

Documentation and Metadata

The data will be accompanied by maps documenting the locations in which they were collected. The data will also be accompanied by a word document detailing the date of creation and a brief description of the context of its creation.

Ethics and Legal Compliance

The project will undergo procedural ethical review to ensure its ethical soundness. Any unforeseen ethical issues will be discussed with project supervisors to negotiate resolutions, though identifiable participant data will not be shared in such instances.

The PI will own the copyright and Intellectual Property Rights for the data created during this project. Some visual data will be licensed to Transport for Greater Manchester for use in a public exhibition at the end of the project.

Storage and backup

Physical data will be stored in a locked cabinet, to which only the PI has access, in a secure location. It will be digitised at the earliest opportunity and physical copies will then be destroyed. Digital data will be stored on an external hard drive that is encrypted using commercial encryption software.

Digital data will be backed up on the University of Manchester Research Data Storage Service.

External hard drives will be encrypted and secured in a locked cabinet to which only the PI has access.

Selection and Preservation

Visual data will be retained and shared via a public exhibition. All identifiable data will be destroyed following the culmination of the project's dissemination activities.

Data will be destroyed following the culmination of the project's dissemination activities.

Data Sharing

Anonymised interview data will be shared through academic publications and conference presentations. Visual data will be shared through a public exhibition across Manchester's transport network. Data will only be shared through dissemination activities and will not be shared in a raw form with other parties.

I do not anticipate any difficulties with the proposed data sharing.