University of Groningen

The social health and well-being of people with memory problems and dementia

Sturge, Jodi

DOI:
[10.33612/diss.194514450](https://doi.org/10.33612/diss.194514450)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2022

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Sturge, J. (2022). *The social health and well-being of people with memory problems and dementia*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.
<https://doi.org/10.33612/diss.194514450>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

**THE SOCIAL HEALTH AND
WELL-BEING OF PEOPLE
WITH MEMORY PROBLEMS
AND DEMENTIA:**

Exploring mobility in public
space in the Netherlands

JODI STURGE

Colophon

This thesis is a part of the COORDINATEs study (project number: 9003037412) which is funded by the Joint Programming Initiative More Years, Better Lives, represented by ZonMw in the Netherlands. The principal investigator for this project in the Netherlands is Louise Meijering. The project committee also includes France Légaré (nominated principal investigator from the Université Laval and co-principal investigators Marie Elf (Dalarna University) and Allyson Jones (University of Alberta).

Dutch translation: Cynthia The, Mirjam Klaassens and Simon Bakker

Language editing: Gina Rozario, Cowrite (Chapter 3)

Cover design: Nishant Jain and Lovebird design.

Layout design: Lovebird design.
www.lovebird-design.com

Printed by: Eikon+

© Jodi Sturge, 2022.
All rights reserved.

university of
 groningen

The Social Health and Well-being of People with Memory Problems and Dementia

Exploring mobility in public space in the Netherlands

PhD thesis

to obtain the degree of PhD at the
University of Groningen
on the authority of the
Rector Magnificus Prof. C. Wijmenga
and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

Thursday 13 January 2022 at 16.15 hours

by

Jodi Lynn Sturge

born on 3 March 1977
in St. John's, Canada

Supervisors

Prof. L.B. Meijering

Dr. S.G. Weitkamp

Assessment committee

Prof. D.S. Cloutier

Prof. L.G. Horlings

Prof. M.J.F Vernooij-Dassen

Dedication

This piece is dedicated to four women who passed away during the writing of this thesis:

Elaine Brown

Dr. Eugenia Canas

Brenda Prosken

Nancy Wright

Your passion, presence and commitment to serving communities will be forever missed.

Thank you for your friendship and inspiration to make the world a better place.

Contents

1	Introduction.....	11
1.1	Dementia, social health and mobility	13
1.2	Dementia in the Netherlands.....	15
1.3	Thesis objective	16
1.4	Data and methods	17
1.5	Thesis structure.....	18
	References	19
2	Technology to Improve Autonomy and Inform Housing Decisions for Older Adults with Memory Problems Who Live at Home: Protocol for a Multi-Pronged Mixed Methods Study in Canada, Sweden and the Netherlands	25
2.1	Introduction	27
2.2	Methods	30
2.3	Results.....	38
2.4	Discussion	38
	References	40
3	Features of the social and built environment that contribute to the well-being of people with dementia who live at home: A scoping review	45
3.1	Introduction	47
3.2	Methods	49
3.3	Results.....	52
3.4	Discussion	69
3.5	Conclusion.....	73
	References	74
	Appendix 3.1: Preferred Reporting Items for Systematic Reviews and Meta-Analysis extension for Scoping Reviews (PRISMA-ScR).....	80
	Appendix 3.2: Search strategy.....	82
4	Exploring assets of people with memory problems and dementia in public space: a qualitative study.....	85
4.1	Introduction	87
4.2	Methods.....	90
4.3	Findings.....	93

4.4 Discussion	100
4.5 Conclusion.....	105
References	106
 5 Using the concept of activity space to understand the social health of older adults living with memory problems and dementia at home..	113
5.1 Introduction	115
5.2 Methodology	119
5.3 Findings.....	122
5.4 Discussion	130
5.5 Conclusion	134
References	134
 6 Exploring dementia-informed policy and practice to promote the social health of people living with memory problems and dementia in Groningen and villages in the Netherlands.....	139
6.1 Introduction	141
6.2 Policy Recommendation.....	142
6.3 Discussion	146
6.4 Conclusion.....	148
References	148
 7 Conclusion	151
7.1 Objective and research questions	153
7.2 Summary of thesis	153
7.3 Reflections on research contribution and main findings	155
7.4 Reflections on the research design and methodological approach..	158
7.5 Recommendations for future research	161
7.6 Concluding remarks	163
References	163
 English summary	167
Nederlandse samenvatting.....	170
Acknowledgements.....	174
About the author	176

List of tables and figures

Chapter 1

Box 1.1: COORDINATEs project overview	17
---	----

Chapter 2

Table 2.1: Target population and recruitment strategy, project phases 1–3	31
Table 2.2: Data collection methods to assess mobility patterns and experiences.....	33

Chapter 3

TABLES

Table 3.1: Key concepts and definitions	51
Table 3.2: Characteristics of the included articles.....	53
Table 3.3: Results of the thematic analysis	62

FIGURE

Figure 3.1: PRISMA flow diagram of search and study selection.....	51
--	----

Chapter 4

Table 4.2: Characteristics of participants	94
Table 4.3: Summary of findings.....	95

Chapter 5

TABLES

Table 5.1: The operationalization of the social health framework for people with dementia based on Dröes et al. (2017).....	117
Table 5.2: Characteristics of research participants	123
Table 5.3: Comparison of Routine and Occasional Activity Spaces	124

FIGURES

Figure 5.1: Data collection information material for participants and stakeholders (English translation)	121
Figure 5.2: Vera's activity space	123
Figure 5.3: Harold's activity space.....	126