How does the lived experience of older people influence their preparedness for emergency events?

> Thesis submitted by: Victoria Cornell BSc. (Hons) Applied Science

For the award of Doctor of Philosophy at the School of Nursing and Midwifery Faculty of Health Sciences Flinders University

Submitted 17 January 2014

CONTENTS

Contents 1
Abstract
Declaration
Acknowledgements
Chapter One – Introduction and Background to the Study 10
Introduction
My background
Drivers for the research
The changing risk picture
The changing climate
The changing population21
What is the lived world of older people in Australia?
Living arrangements
Functional abilities
Community participation
Volunteering 27
Why this research?
Scope of this study
A few words on terminology
Format of the thesis
Chapter Two – Context and Literature Review
Overview
What is emergency management?
Australian emergency management arrangements
A brief history
The 'comprehensive' approach to emergency management

Moving towards resilience	. 41
The Australian National Strategy for Disaster Resilience	. 42
Emergency events in Australia	. 42
Future challenges	. 44
Community aged care in Australia	. 49
Disaster and emergency management research	. 52
Older people and emergencies	. 54
Are older people more vulnerable?	. 59
'Looking after' older people	. 61
The ageing population: a burden or a benefit?	. 66
A burden?	. 67
A benefit?	. 70
Prior exposure to emergency events	. 73
Are you prepared?	. 79
Preparedness education	. 82
Summary	88

Chapter Three – Methodology and Method	
Overview	
Underpinning concepts	
Choice of methodology	
Hermeneutic phenomenology	
Phenomenology	
Hermeneutics	
Hermeneutic phenomenology	
Method	105
Data collection	108
One-on-one interviews	108
Dismissal of focus groups	109
Dismissal of survey questionnaires	109
Interview experience of researcher	110
Ethical considerations	
Ethics application	111
Ethics approval	114

F	Research participants	. 114
	Rationale for participant selection criteria	. 114
	How participants were recruited	. 116
	Number of participants	. 118
F	Research diary	. 118
١	nterview process	. 119
	Location	. 119
	Meet and greet session	. 119
	Design of interview schedule	. 120
	Interviews	. 121
	Interview transcription	. 122
[Data analysis	. 123
F	Rigour and credibility	. 124
[Data management and storage	. 126
L	imitations of the study	. 127
	Participant recruitment	. 127
	Geography	. 127
	Timing of interviews	. 128
	Number of interviews versus saturation	. 128
	Limitations of the researcher	. 128
S	Summary	. 129

Chapter Four – Gathering and Analysing the Lived Experience	130
Overview	130
Introduction	130
Research participants	131
Meet and greet sessions	132
Interview appointments	133
Introducing the participants	134
Participant summary	144
Interview reflections	146
Data analysis	147
Thematic approach	147
Existential approach	149

Summary and presentation of themes	150
Summary	. 150

Chapter Five – Theme One: Understanding my World	152
Overview	152
Experiencing emergency events	152
Communicating emergency events in my world	159
Being comfortable in my world	163
My changing body	167
Discussion	170
Summary	180

С	hapter Six – Theme Two: Shrinking my World	181
	Overview	181
	Shrinking social world	181
	Shrinking engagement	183
	Shrinking thinking	188
	Discussion	194
	Summary	204

С	hapter Seven – Theme Three: Acceptance of my World	206
	Overview	206
	Acceptance of greater dependence	206
	Acceptance of sharing	212
	Acceptance of advancing age and impending death	215
	Discussion	217
	Summary	223

Chapter Eight – Discussion and Conclusion	224
Overview	224
Introduction	224
The researcher in the research	225
Synopsis of the themes	226
Reflecting from start to finish	228

The new knowledge: what does being prepared mean? 240
Limitations 245
Recommendations 245
Implications for practice
Implications for further research
Summary and final conclusion 250
Appendix One - Ethics Application
Appendix Two - Ethics Approval
Apppendix Three - Ethics Modification Approvals
Appendix Four - 'My Country' poem
Bibliography

ABSTRACT

The purpose of this study was to explore the meaning of being prepared, for older people, with regard to emergency events. Anecdotally, older people are considered to be vulnerable to emergency events. However, little research has been undertaken to explore what influences their preparedness. Drivers for the study included the paucity of research in this area; an ageing world population; and changing world risk profiles, including forecasts of more severe natural hazard emergency events.

The study took a qualitative approach, using a hermeneutic phenomenological methodology informed by Max van Manen's life world existentialism. Eleven people – eight women and three men - aged 65 years or over took part in semi structured in depth interviews. All participants resided in their own homes (eight on their own, three with their spouse), in the greater Adelaide area, and were in receipt of low-level in-home care, for example assistance with shopping or housework. The interviews explored the variety of emergency events experienced during the participants' lives; how those events may have changed them; the meaning drawn from the events; and the subsequent influence of their experiences on the way they prepare, or perhaps choose not to prepare, for emergency events.

It may seem intuitive to assume that prior exposure to an emergency event makes survivors more vigilant and encourages preparedness for future events. However, the literature review and data analysis showed this assumption to be simplistic. Prior exposure may lead to complacency purely because the event was survived. Results also showed that those events that one would assume might encourage future preparedness do not necessarily do so; whereas other life experiences (often not classified as emergency events by the participant) shaped preparedness behaviour.

Data analysis followed a combination of van Manen's thematic and existential approaches. Three themes were interpreted – *understanding my world*, *shrinking my world* and *acceptance of my world*. For the older people who took part in this study, being prepared for an emergency is not a one-off tangible activity – it is a process and a feeling of comfort and security in their world. The process is something that

has been built upon over many years, and therefore 'being prepared for an emergency event', as a specific activity, is not necessarily something that worries or concerns them. Mental strength and ability to cope is seen by the participants as being of great importance, helping to build the feeling of comfort and security.

Significantly, this research has highlighted the extent to which the emergency management sector's understanding of older people is taken for granted. By understanding what influences older people living in the community to prepare, and what preparedness means to them, how best to assist them in their preparedness planning can be established; rather than making assumptions about what this target group wants or needs.

DECLARATION

'I certify that this thesis does not incorporate without acknowledgment any material previously submitted for a degree or diploma in any university; and that to the best of my knowledge and belief it does not contain any material previously published or written by another person except where due reference is made in the text.'

Signed:

ACKNOWLEDGEMENTS

First and foremost I wish to thank my supervisors Professor Paul Arbon and Doctor Lynette Cusack for contributing their wisdom and offering me support, guidance and friendship throughout the research study. I appreciate their approachable nature and considered input; I have been privileged to work with them both.

The older South Australians who volunteered their participation in my study and gave their time so freely, and detail on their life stories, their experiences and their thoughts have my sincere gratitude. Without their input, this study could not have progressed.

I am indebted to Resthaven Incorporated for providing a scholarship, which allowed me to undertake this research.

Behind the scenes, I simply could not have succeeded without the care, love and support of very many good friends and family members; I thank you all.