The dynamics of Chinese learning journeys:

a longitudinal study of adult learners of Mandarin in Australia

Isabel Mary Tasker

BA Hons (York, UK); Grad Dip Chin (Liaoning and Nanjing); Cert Applied Language Studies (York St John); MA Area Studies (Far East) (London); Cert IV Instructional Multimedia (CMC, WA); Grad Cert Higher Education (UNE)

A thesis submitted for the degree of Doctor of Philosophy of the University of New England

Date of submission: 16 March 2012

Acknowledgements

It has been a long journey to produce this thesis and I have been lucky to have been guided along the way by two wonderful supervisors, Dr. Elizabeth Ellis and Associate Professor Robyn Smyth, to whom I owe a huge debt of gratitude for their wisdom, professionalism, encouragement and patient support. Our fortnightly Friday breakfast meetings have been a something to look forward to! Professor Jeff Siegel and Dr. Peter McClenaghan also each took on a supervisory role for a semester and brought valuable fresh perspectives.

I am grateful to have received scholarship funding from the Australian Postgraduate Association, the New South Wales Institute of Educational Research, and the Rod Gerber Memorial Scholarship fund.

The award of an Australian Learning and Teaching Council Citation for Outstanding Contributions to Student Learning, in 2008, provided funds which enabled me to attend the Pennsylvania State University Graduate Summer Institute in Applied Linguistics in 2009. I am grateful to the students who nominated me for the award, and to my colleagues and professional referees for supporting my application. The summer institute was an intensely stimulating and rewarding experience which contributed greatly to the development of the conceptual framework for my research; it was an especial privilege to be taught by and have conversations with Claire Kramsch, Diane Larsen-Freeman, Merrill Swain, James Lantolf and Leo Van Lier, and I thank them, and my classmates at the institute.

In the final stages of preparation of the thesis I could not have done without the invaluable assistance of Vicki Knox, both in terms of editorial and formatting expertise, and equally significantly in terms of generosity and encouragement.

Throughout this long PhD journey I have been supported by a wonderful network of friends and family. I thank you all for being a part of my life and for helping me to reach this milestone.

Finally and perhaps most significantly, I thank the many students of Mandarin I have worked with over the years, and most especially the research participants in this enquiry, who have inspired me with their learning and generously shared their stories.

Abstract

The dynamics of Chinese learning journeys:

a longitudinal study of adult learners of Mandarin in Australia

This thesis is concerned with the nature and development of adult learners' involvement with learning and using Mandarin Chinese in the long term, in the context of other aspects of their lives. It examines their individual learning journeys for the interweaving and layering of different kinds of learning activity over time. The study looks beyond the relatively homogeneous student groups in the Chinese classrooms and lecture halls of large metropolitan universities, and instead gives a voice to the experience of people learning Chinese who are based in country areas, who choose distance learning, who are older, and who study part-time or independently for many years. The influence and effects of long-term learning Chinese learning, both on individual learners, but also through them upon the various contexts and communities which they inhabit, is considered.

Complexity theory is drawn upon as an appropriate framework for conceptualising the dynamics of the language learning journey: emphasises context, views diversity, change over time and non-linearity as central, and incorporates multiple interrelated timescales.

The enquiry is presented as a multi-layered longitudinal qualitative case study. Two surveys, 5 years apart, provide extensive reflective data from an 'outer' group of 26 participants. In addition, more frequent in-depth interviews and other activities conducted with an 'inner' group of 7 participants yield a complementary set of detailed data with a rich narrative component. The study introduces a method of multiple timeline analysis, and a concept of dynamic activity patterns, to represent and interpret learners' engagement with learning Chinese as it evolves over time. The existence of fallow periods and their role within individual learning trajectories is also introduced, and explored from an identity perspective.

Conceptually, this thesis combines perspectives from adult and independent learning with those of applied linguistics to contribute, to developing perspectives on foreign language learning beyond the classroom and beyond the institution, a particular focus on the longitudinal view. Within the rapidly expanding disciplinary field of Chinese as a Foreign Language (CFL), this study offers a better understanding of the efforts, contexts and needs of individual long-term learners.

Certification

I certify that the substance of this thesis has not already been submitted for any degree and is not currently being submitted for any other degree or qualification.

I certify that any help received in preparing this thesis and all sources used have been acknowledged in this thesis.

Signature:



Table of contents

Ack	nowledgements	iii
Abs	tract	v
Cert	tification	vii
Cha	pter contents	ix
Tab	les, figures and charts	xvii
Con	ventions, abbreviations, acronyms and Chinese terms list	xix
Ded	lication	xxii
Cha	pter 1. Introduction	1
Inte	rlude. Stella's story	9
Cha	pter 2. The landscape	17
Intro	oduction	17
2.1	The linguistic terrain: prominent features of the Chinese language for learne	ers18
2.2	Shifting contours: developing options for learning Chinese as a Foreign Language	21
	 2.2.1 Chinese government strategies to promote Chinese learning worldwide	23 I and
	2.2.4 Teaching and learning Chinese as an additional language in Australia outside the and university context	
2.3	The spatial dimension: distance and contiguity	27
	2.3.1 Geographical distance: learners in regional Australia	29 31
	2.3.4 Relative positioning of learner, teacher and linguistic resources	
2.4	The learning modality dimension: scales of structure and informality	35

2.5	The temporal dimension	38
	2.5.1 Learner's stage of life	38
	2.5.2 Learner's stage of learning	
	2.5.3 Variable intensity of pace of learning	39
2.6	Research Questions	41
2.7	Exploring Complexity	42
	2.7.1 Complexity 'visualisation'	44
2.8	Summary	45
Cha	pter 3. The long view of learning (literature review)	47
Intro	oduction	47
3.1	Trajectories in the life course	47
3.2	Adult learning	49
	3.2.1 Five orientations to adult learning	50
	3.2.2 Adult learning and human development	
	3.2.3 Lifelong learning	
	3.2.4 The learning journey	
2.2	3.2.5 Learning trajectories and learning careers	
3.3	The long view of language learning	
	3.3.1 Orientation	
	3.3.1.1 Background: approaches to SLA	
	3.3.1.2 Introduction to long-term language learning	
	3.3.2 Features and parameters of longitudinal research into language learning	
	3.3.2.2 Tempo	
	3.3.2.3 Setting	
	3.3.2.4 Consistency of learner background	
	3.3.2.5 Proficiency level	
	3.3.3 Proficiency-related longitudinal studies	
	3.3.4 Longitudinal studies centred on learner experience: key concepts	
	3.3.4.1 Identity, agency and investment	64
	3.3.4.2 Autonomy	67
	3.3.4.3 Emotion	69
	3.3.4.4 Motivation	
	3.3.5 Long-term language learning journey studies: beyond the institution	
	3.3.5.1 Specific longitudinal studies	
	3.3.6 Accounts of learner experience of learning Chinese	
3.4	Conclusion	84
Inte	rlude: Michelle's story	85
	······································	

Cha	pter 4. Methodology and design	89
Intro	oduction	89
4.1	Conceptual framework and selection of the methodology	89
	4.1.1 Complexity thinking in research design	90
	4.1.2 Multiple timescales	90
	4.1.3 Longitudinal research	
	4.1.4 Case study	
	4.1.4.1 Case and system	
4.2	Overall plan of the project	
4.2	·	
	4.2.1 Design	
	4.2.1.1 Attrition and intensity	
	4.2.3 Identifying the potential participants	
	4.2.3.1 Criterion sampling	
	4.2.3.2 Ethical considerations: connections between researcher and participants.	
	4.2.3.3 Procedure followed for contacting potential participants	105
4.3	Strategies and techniques for collection of empirical materials: s	selection
	and implementation	106
	4.3.1 Preliminary/antecedent stage: student reflective writings	106
	4.3.2 Surveys: rationale	
	4.3.2.1 Survey One: design	108
	4.3.2.2 Survey One: implementation and procedure	
	4.3.2.3 Survey Two: design	
	4.3.2.4 Activities questionnaire within Survey Two	
	4.3.2.5 Survey Two: implementation and procedure	
	4.3.3 Semi-structured interviews: rationale	
	4.3.3.1 Interview setting and mode: face-to-face and by telephone	
	4.3.3.2 Interview conduct and guides	
	4.3.3.4 Interview 2	
	4.3.3.5 Interview 3	
	4.3.4 Language activities: rationale	116
	4.3.4.1 Language activities: design	
	4.3.5 Self reports and other ongoing informal contact	117
4.4	Data analysis	118
	4.4.1 What constitutes analysis?	118
	4.4.2 Procedures	
	4.4.3 Inevitable change and evolution in a longitudinal study	
4.5	Remarks: issues of methodology regarding longitudinal study	121
	4.5.1 Questions regarding inclusion or exclusion of partial participants	121
	4.5.2 The longitudinal study and researcher as practitioner	
4 6	Summary	123

Cha	pter 5. Learning trajectories of the outer group	125
Intro	oduction	125
5.1	Overview of data sets/groups	125
5.2	Snapshot: 41 learners of Chinese engaged in distance learning	
	5.2.1 Demographic and background details	
	5.2.1.1 Age and gender	
	5.2.1.2 Place of residence	
	5.2.1.3 Work and home situation	128
	5.2.1.4 Full-time or part-time study	128
	5.2.1.5 Language background	129
	5.2.2 Timelines of the Chinese learning experiences for the 41 learners	. 131
	5.2.2.1 Beginnings – how did their Chinese learning journeys start?	131
	5.2.2.2 Timelines as a graphic interpretive device	
	5.2.2.3 Comments on the data presented so far	136
	5.2.3 Looking back – the lessons of experience	. 137
	5.2.3.1 Recognition of the complexity of the task and re-evaluation of time required -	-
	acceptance of a long-term commitment	
	5.2.3.2 Recognition of the extent of formal linguistic differences between Chinese and English (and other European languages)	
	5.2.3.3 Recognition of the importance of developing competence in various skills	130
	concurrently	139
	5.2.3.4 Recognition of the benefits of a relaxed, playful, self-nurturing attitude to	
	learning	
5.3	Progression: 26 learners followed up 5 years later	140
	5.3.1 Overview of the 26 respondents: update of demographic details	
	5.3.1.1 Family connections with China or Chinese	
	5.3.1.2 Time spent in China	. 143
	5.3.2 Extension of timelines through the period 2005 to 2010	
	5.3.2.1 Patterns of engagement between Survey One and Survey Two	
	5.3.2.2 Observations afforded by an overview of the full timelines	
	5.3.2.3 Limitations of the timeline method as used so far	
5.4	Retrospection: participants look back on their timelines	154
	5.4.1 Participants' views of influences on their timelines	. 154
	5.4.2 Events, stages and achievements perceived as significant for their timelines	
	5.4.2.1 Achievements presented as communication-related	157
	5.4.2.2 Achievements presented as study-related	158
	5.4.2.3 Achievements presented as new understandings and new connections	
	5.4.3 Changing perceptions of challenges and rewards of learning Chinese	
	5.4.3.1 Shifting themes in the challenges reported in the group	
	5.4.3.2 The dynamics of individual perspectives on challenges and rewards	161
5.5	Anticipation: looking ahead to continuing engagement with Chinese	162
	5.5.1 Stopping or dropping Chinese	
	5.5.2 Reasons for beginning and continuing Chinese compared	
	5.5.3 Maintaining engagement with Chinese	
	5.5.4 Perceptions and attitudes to continuing Chinese – what does it feel like?	
	5.5.4.1 Feelings about beginning and continuing Chinese, recorded in Survey One 5.5.4.2 Introducing metaphor chains	
	5.5.4.2 Introducing metaphor chains	. 1/1 171

	5.5.4.4 Metaphor chains for four individuals	174
5.6	Elaborated timelines	176
5.7	Conclusion	177
Cha	pter 6. Dynamic contours of engagement with Chinese	179
6.1	Past, present and future practice questionnaire: introduction	179
6.2	Procedures for processing, and first-stage analysis of responses	180
	6.2.1 Emergence of concept of 'intentional direction'	
6.3	Analysis of activity patterns, comparing individuals across the group	184
	 6.3.1 Second-stage analysis: drawing out single elements of the activity patterns	185 188 189 191
6.4	Dynamic patterns of engagement: summary	200
	pter 7. Individual learning stories	
7.1	"It has given me another life" – Brenda's story	204
	7.1.1 Commentary on Brenda's timeline	
	"Hopefully in the future it does help my business but originally it was a persice" – Clive's story	
	7.2.1 Commentary on Clive's timeline	
lang	"My momentum fluctuates. There is this underlying fascination with guage and culture that never goes away, then it's sparked by an event cortunity" – Michelle's story	r an
	7.3.1 Commentary on Michelle's timeline	
	"It's like two forward, one back, two forward, one back. But that's okay as 's always still forward" – Rachel's story	_
	7.4.1 Commentary on Rachel's timeline	
7.5	"I gave myself a decade. It would be a skill to add to my life in diffe	

	7.5.1 Commentary on Marty's timeline	
reall	"I would classify it as a lifetime's ambition: I would like to be able y, really fluently and really well. I sort of feel I might be half ella's story	way there'
	7.6.1 Commentary on Stella's timeline	
7.7	"I am just following in the footsteps of the language"	
	– Stephanie's story	229
7.8	7.7.1 Commentary on Stephanie's timeline	236
Chap	oter 8. Insights from the long view	239
Intro	oduction	239
8.1	Contribution of the complexity framework	239
	8.1.1 Multiple levels of organisation	240
8.2	Capturing dynamic trajectories	241
8.3	Ripples of influence: the learner in social context	242
8.4	Alignment of learning opportunities with 'contexts of significance'	244
8.5	Attitudes to developing speaking skills	245
8.6	Aspirations, intentions and rethinking success	246
	8.6.1 Learner and user: dynamic, fluid identities	247
8.7	Desire	248
8.8	Gender	250
8.9	The global and the local	251
8.10	Summary	252
Chap	oter 9. Conclusion	253
9.1	Synthesis	253
9.1	Limitations, and areas for future research	258
9.2	Applications/recommendations	259
9.3	Closing remarks	260

References	261
Appendices	279
Appendix 1. Ethics documents	279
Appendix 2. Prompts for pilot reflective writing	291
Appendix 3. Survey One	292
Appendix 4. Full list of activities	302
Appendix 5. Survey Two	304
Appendix 6. Interview 1 guide	333
Appendix 7. Interview 2 guide	334
Appendix 8. List of Activity Patterns	335
Appendix 9. Elaborated timelines of the core group	338



Tables, figures and charts

1	ist	Λf	Ta	h	عما
L	ISL	w	ıa	U	163

Table 2.1: Livingstone's (2001) four categories of adult learning applied to Chin	ese
learning situations	36
Table 2.2: Preliminary mapping of adult long-term CFL in terms of complexity	
concepts	
Table 4.1: Summary of the design of the study	
Table 4.2: The datasets of different lengths	122
Table 5.1: Current working situation	
Table 5.2: Language background	129
Table 5.3: Languages spoken or studied among the group	131
Table 5.4: Key to interpret the colours on the timeline graphics	
Table 5.5: The challenges of learning Chinese, as described in Survey One and S	-
Two, 5 years apart:	
Table 5.6: Categories for mapping dynamics	161
Table 5.7: Dynamics in perception of challenges and rewards	162
Table 5.8: Metaphors used by four respondents at four stages	175
Table 6.1: Dynamic activity patterns, worked example	183
Table 6.2: Descriptions of the six levels of composite intensity	
Table 6.3: Comparing proportions of activities with a high component and with	
component for each individual	
Table 6.4: Dynamic contour categories	
Table 6.5: Rising contour activities for Brenda	
Table 7.1: Comparison of individual Skype tutoring with university DLL	228
List of Figures	
Figure 2.1: Relationship between different modes of language learning	37
Figure 4.1: Schematic diagram of data collected	
Figure 5.1: Schematic diagram of data collected (repeated)	
Figure 5.2: The 41 simple timelines compared over their full duration	
Figure 5.3: The 41 simple timelines compared from 1989 to 2005	
Figure 5.4: Chain of data collected by looking backwards and forwards at different	
points in time	
Figure 5.5: Timelines of group of 26, extended to 2010	145
Figure 5.6: Formal distance study combined with periods in China: Brenda, Clive	
Stephanie	145

Figure 5.7: Informal activities: Esther, Nina, Wendy, Xavier, Nick, Sharon, Harry and Marty	
Figure 5.8: Engagement in self-directed study: Keith, Rachel, Scott and Stella	
Figure 5.9: Work-related long-term residence in China: Keith, Russell and Sonia 2	
Figure 5.10: Periods of formal study in China: Clive, Marty, Scott and Stephanie	
Figure 5.11: Periods of face-to-face study: Heather, Russell and Wendy	
Figure 5.12: Periods of no activity: Lola, Michael-Eddie, Michelle and Mick	
List of Charts	
Chart 5.1: Distribution of participants by age and gender	127
Chart 5.2: Distribution of participants by place of residence and gender	127
Chart 5.3: Distribution by gender and age group among study modes	129
Chart 5.4: Experience with languages other than English and Mandarin, by number	rs
of respondents	127
Chart 5.5: Year of first experiences of studying Chinese	132
Chart 5.6: Distribution by age and gender of Survey Two participants	
Chart 5.7: Distribution by gender and place of residence of Survey Two participant	
Chart F. O. Idantituin valation to Chinasa most present and future	
Chart 5.8: Identity in relation to Chinese, past, present and future	
Chart 5.9: Reasons for beginning and continuing Chinese, 5 years apart	
Chart 6.1: Trends up to now	
Chart 6.2: Trends reported for activities actually done leading up to 2010	
Chart 6.3: Future likelihood	
Chart 6.4: Intentional direction	189
Chart 6.5: Levels of Intensity	
Chart 6.6: Dynamic profiles of engagement in Chinese activities	196
Chart 6.7: A closer look at the rising profiles	196
List of Boxes	
Box 2.1: Personal anecdote: the changed environment for learning Chinese outside	e
of China	32

Conventions, abbreviations, acronyms and Chinese terms list

Italic font is used when words from Chinese are annotated in the *pinyin* transliteration system.

Italics are used within the text to signal emphasis, and can highlight the introduction of new conceptual terminology.

Bold font is used in chapter 5 to highlight themes emerging from the data for discussion.

The convention of using uppercase font for conceptual metaphors is followed.

In-text quotations are within double inverted commas, unless they are indented as block quotes.

Single inverted commas are used to enclose terms introduced for the first time.

The individual learning stories in Chapter 7, and in Interludes 1 and 2 (which appear after Chapters 1 and 3 respectively) are distinguished by the use of a sans serif font.

Chinese language names and terms

(Note: tone marks are added here for reference, but when these terms are used within English text the tone marks are frequently omitted.)

1 C		c 1 1 -	CII	. 11
bopomoto	common name	tor <i>zhinin</i>	tuhaa	transliteration system
υυρυπιυμ	common name	101 Liuyii	Junuo	transmittation system

fántǐzì 繁体字 traditional or full-form characters

guānxi关系 system of personalised networks of influence in Chinese societyguóyǔ国语 Modern Standard Chinese or Mandarin (term used in Taiwan)Hànbān汉办 China National Office for Teaching Chinese as a Foreign Language

(NOTCFL)

hànyǔ 汉语 the Chinese language including its different dialect varieties

(mainland Chinese term)

hànyǔ pīnyīn 汉语拼音, alphabetic transliteration system for Mandarin Chinese

#语 Modern Standard Chinese or Mandarin (term used in Singapore,

Philippines, Malaysia); sometimes also used as an equivalent to hànyǔ

jiǎnhuàzì, jiǎntǐzì 简化字 or 简体字 simplified characters

pīnyīn, hànyǔ pīnyīn 拼音,汉语拼音alphabetic transliteration system for Mandarin Chinese

pǔtōnghuà 普通话 Modern Standard Chinese or Mandarin (term used in Mainland

China)

tàijíquán 太极拳 Tai Chi (Tai Qi), or Chinese shadow boxing

wényán 文言 formal or literary Chinese

zhùyīn fúhào, chu-yin 注音符号 symbol-based transliteration system used in Taiwan

Abbreviations and acronyms

ABS Australian Bureau of Statistics
ACT Australian Capital Territory

BALLI Beliefs about Language Learning Inventory

BBC British Broadcasting Corporation
CAL Chinese as an additional language
CALL Computer-assisted language learning

CFL Chinese as a foreign language

CMC Computer-mediated communication

CT Complexity theory
DE Distance education
DL Distance learning

DLL Distance language learning
EFL English as a foreign language
ESL English as a second language
FSI Foreign Service Institute (USA)

ICT Information and communication technology

JFL Japanese as a foreign language

L2 Second language

LIFE Learning in Informal and Formal Environments

MA Master of Arts

MSC Modern Standard Chinese

MSN an instant messaging service (and a collection of websites and services)

NA, or N/A not applicable

NALSAS National Asian Languages and Studies in Schools Strategy NALSSP National Asian Languages and Studies in Schools Program

NNS Non-native speaker

NOTCFL China National Office for Teaching Chinese as a Foreign Language, or *Hanban*

NS Native speaker NSW New South Wales

OECD Organisation for Economic Cooperation and Development

QQ Instant messaging service in China

RFDS Royal Flying Doctor Service

SILL Strategy Inventory for Language Learning

SLA Second language acquisition

TAFE Technical and Further Education

MSC Modern Standard Chinese

TCFL Teaching Chinese as a foreign language

TESOL Teaching of English to speakers of other languages

TL Target language

TLRP Teaching and Learning Research Programme (UK)

U3A University of Third Age

UK United Kingdom

UNE University of New England, Australia
US, USA United States, United States of America

VOIP Voice over internet protocol

WEA Workers' Education Association

Dedication

To my father, Tony Tasker, MD, FRCP (1915–2008)