

ResearchSpace@Auckland

Copyright Statement

The digital copy of this thesis is protected by the Copyright Act 1994 (New Zealand). This thesis may be consulted by you, provided you comply with the provisions of the Act and the following conditions of use:

- Any use you make of these documents or images must be for research or private study purposes only, and you may not make them available to any other person.
- Authors control the copyright of their thesis. You will recognise the author's right to be identified as the author of this thesis, and due acknowledgement will be made to the author where appropriate.
- You will obtain the author's permission before publishing any material from their thesis.

To request permissions please use the Feedback form on our webpage. <u>http://researchspace.auckland.ac.nz/feedback</u>

General copyright and disclaimer

In addition to the above conditions, authors give their consent for the digital copy of their work to be used subject to the conditions specified on the Library

Thesis Consent Form

ResearchSpace at The University of Auckland > University of Auckland PhD Theses > PhD Theses (Closed Access) >

> Please use this identifier to cite or link to this item: http://hdl.handle.net/2292/585

Title: The Negotiation of Meaning by Advanced ESL Learners: The Effects of Individual Learner Factors and Task Type

Ed

- Authors: Bitchener, John Winston
- Issue Date: 1999
 - Publisher: ResearchSpace@Auckland

THE NEGOTIATION OF MEANING BY ADVANCED ESL LEARNERS:

THE EFFECTS OF INDIVIDUAL LEARNER FACTORS AND TASK TYPE

JOHN WINSTON BITCHENER

A THESIS SUBMITTED IN FULFILMENT OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN SECOND LANGUAGE TEACHING AND LEARNING, THE UNIVERSITY OF AUCKLAND, 1999

ABSTRACT

During the last two decades, SLA researchers have given much attention to investigating the role that negotiated interaction plays in second language learning. Empirical research has demonstrated that the negotiation of meaning that occurs when communication difficulties arise may provide learners with opportunities to receive comprehensible input, provide feedback on form and meaning, and assist them in their production of modified output. While the shortterm and long-term effects of negotiation on SLA are currently being examined, there is considerable evidence to suggest that the negotiation of meaning can facilitate the language learning process.

From a pedagogical perspective, numerous studies have shown the effect that individual learner, task and context variables can have on promoting opportunities for negotiation. While some attention has been given to the effects of individual learner variables like ethnicity, gender and pairing, and to task and contextual variables on L2 negotiation, their effect on advanced learners has been little researched.

This study examined the effect of three individual learner variables (ethnicity, gender and pairing) and certain communication tasks (free conversation and decision-making) on the way in which advanced ESL learners (Japanese and Korean males and females in monoethnic and interethnic dyads) repair communication problems and use the process of negotiation in their language learning.

The study revealed that task was the only variable to affect the amount of negotiated repair: free conversation produced more negotiation than the decision-

ii

making tasks. While monoethnic dyads provided more target language feedback than interethnic dyads, monoethnic and male dyads modified fewer trigger utterances than interethnic and female dyads. Korean subjects, particularly Korean males, modified more of their utterances when responding to feedback than the other subject groupings.

Factors that may have accounted for the limited effect of the three individual learner variables include the insufficiently differentiated sociocultural and sociolinguistic background of the subjects and their perception of appropriate behaviour in L2 interactions. On the other hand, motivational and contextual factors appear to have resulted in the significant effect produced by the task variable.

ACKNOWLEDGEMENTS

I am greatly indebted to the following people for all their help and encouragement during the writing of this thesis:

Professor Rod Ellis for his outstanding knowledge of the field, his generous and highly focussed feedback, his dedication to standards of excellence, his sensitivity and efficiency in handling all requests, and the inspiration he offered during some of those darker moments.

Dr Donna Starks for her energetic and careful supervision during the initial stages of the research process, for responding so quickly to a myriad of e-mail questions, and for introducing me to the researcher's coffee-chocolate diet.

Shawn Loewen for the hours he spent helping me work through a seemingly never-ending stack of statistics and for being such a cheerful and reliable courier.

Margaret Cole for her superb computer skills, her unbelievable efficiency, and her wonderfully calming approach to meeting deadlines.

Sawsan Al-Shamaa for helping me understand the purpose of statistical procedures.

The staff and students of AIS and ILTL for their cooperation, feedback and encouragement.

My parents, Edwin and close friends for everything, including their amazing support, patience and encouragement.

TABLE OF CONTENTS

ABSTRACT	ii
ACKNOWLEDGEMENTS	iv
TABLE OF CONTENTS	v
LIST OF TABLES	xiii
LIST OF FIGURES	xvi
LIST OF ABBREVIATIONS	xvii

CHAPTER 1 INTRODUCTION

1.1	Overview1
1.2	Background2
1.3	Rationale4
1.4	Outline of the thesis

CHAPTER 2 THE INFLUENCE OF ETHNICITY ON INTER-ACTIVE BEHAVIOUR

2.1	Language and ethnicity: an introduction10
2.2	Sociolinguistic research on ethnicity and interaction
2.2.1	Communication patterns of distinctive ethnic communities
2.2.2	Sociolinguistic/pragmatic transfer15
2.2.2.1	Studies of speech act performance
2.2.2.2	Studies of the diverse functions of discourse strategies25
2.3	Socio-cultural background of Japanese and Korean speakers 30
2.3.1	The influence of Confucianism on interpersonal relationships 32
2.3.2	The influence of Confucianism on communication patterns
2.4	Sociolinguistic studies of Japanese and Korean interaction
2.4.1	Politeness principles in Japanese and Korean interactions

	2.4.2	Sociolinguistic studies of Japanese speakers
	2.4.2.1	Studies of speech act performance
	2.4.2.2	Studies of the diverse functions of discourse strategies
	2.4.3	Sociolinguistic studies of Korean speakers51
	2.4.3.1	A study of speech act performance
	2.4.3.2	Studies of the diverse functions of discourse strategies
	2.5	Summary
СНАР	TER	3 THE INFLUENCE OF GENDER ON INTERACTIVE
		BEHAVIOUR
	3.1	Language and gender: an introduction
	3.2	Early and recent sociolinguistic perspectives on the
		language-gender relationship65
	3.3	Early SLA research on the language-gender relationship73
	3.4	The influence of social practice on gender and SLA in
		bilingual, multilingual and second language settings76
	3.5	Sociolinguistic perspectives in Japanese L1 interactions
	3.6	Sociolinguistic perspectives in Korean L1 interactions
	3.7	Summary
CHAP	TER	4 THE INFLUENCE OF EDUCATIONAL CONTEXTS
		ON INTERACTIVE BEHAVIOUR
	4.1	Educational contexts: an introduction
	4.2	The nature of L2 teaching and learning in Japan and Korea92
	4.3	The preferred learning styles of Japanese and Korean L2
		speakers
	4.4	Summary

CHAPTER 5 THE NEGOTIATED INTERACTION OF L2 LEARNERS

5.1	The negotiation of meaning: its evolution, definition and	
	importance112	
5.2	The process of negotiating for meaning113	
5.3	Language learning conditions118	
5.3.1	The role of comprehensible input118	
5.3.2	The role of comprehensible output120	
5.3.3	The role of feedback	
5.3.4	The role of cognitive processes122	
5.4	Strategies and techniques used in the negotiation of meaning 124	
5.5	Data provided through the negotiation of meaning	
	for language acquisition	
5.5.1	Positive evidence	
5.5.2	Negative evidence	
5.5.2.1	Explicit negative evidence	
5.5.2.2 Implicit negative evidence		
5.5.2.3 Existence of negative evidence		
5.5.2.4 Negative evidence in usable form		
5.5.2.5 Use of negative evidence by learners		
5.5.2.6 The necessity of negative evidence for language acquisition 142		
5.6	Variables that affect the provision and outcomes of negotiated	
	interaction147	
5.6.1	The effect of individual learner variables on negotiation	
5.6.1.	148 Interlocutor familiarity	
5.6.1.2 Personality		
5.6.1.3 Perceived status		
5.6.1.4 Knowledge and expertise		
5.6.1.	5 Age	

5.6.1.6 Level of L2 proficiency		
5.6.1.7 NNS-NNS and NNS-NS pairings		
5.6.1.8 Ethnicity		
5.6.1.9 Gender		
5.6.2 The effect of task and task-related variables on negotiation 163		
5.6.2.1 Definitions of communication tasks		
5.6.2.2 Studies of communication tasks		
5.6.3 The effect of contextual performance on negotiation		
5.6.3.1 Activity theory		
5.6.3.2 An empirical investigation of Activity Theory in the SLA		
context		
5.7 Summary and rational for the study		
5.8 Research questions		

CHAPTER 6 METHODOLOGY

6.1	Subjects
6.2	Subject selection
6.3	Research design
6.4	Data collection procedure
6.5	Tasks
6.6	Transcriptions
6.7	Analysis187
6.7.1	The effect of individual learner and task variables on the
	amount of negotiation (Questions 1 and 2)187
6.7.1.1	Identification of negotiation sequences
6.7.1.2	2 Determining the effect of individual learner and task
	variables on the amount of negotiation 190
6.7.2	The effect of individual learner and task variables on signals
	of non-understanding (Questions 3 and 4)192

6.7.2.1 Identification and classification of signals of
non-understanding192
6.7.2.2 Determining the effect of individual learner and task
variables on signals of non-understanding196
6.7.3 The effect of individual learner and task variables on
responses (Questions 5 and 6)197
6.7.3.1 Identification and classification of responses
6.7.3.2 The effect of individual learner and task variables on
responses

CHAPTER 7 RESULTS

7.1	Introduction
7.2	The effects of learner ethnicity, gender and pairing on the
	amount of repair (Question 1)206
7.3	The effects of task on the amount of repair (Question 2) 208
7.4	The effects of learner ethnicity, gender and pairing on signals
	of non-understanding (Question 3)
7.4.1	The effects of ethnicity, gender and pairing on signal types 212
7.4.2	The effects of ethnicity, gender and pairing on trigger
	modified and trigger non-modified signals215
7.4.3	The effects of ethnicity, gender and pairing on the types of
	trigger modified signals
7.5	The effects of task on signals of non-understanding
	(Question 4)
7.5.1	The effects of task on signal types
7.5.2	The effects of task on trigger modified and non-modified
	signals
7.5.3	The effects of task on the types of trigger modified signals 228

7.6	The effects of learner ethnicity, gender and
	pairing on responses (Question 5)231
7.6.1	The effects of learner ethnicity, gender and pairing on
	responses
7.6 2	The effects of ethnicity, gender and pairing on modified and
	non-modified responses
7.6.3	The effects of ethnicity, gender and pairing on
	response modification types238
7.7	The effects of task on responses (Question 6)
7.7.1	The effects of task on the types of response
7.7.2	The effects of task on modified and non-modified responses 245
7.7.3	The effects of task on response modification types

CHAPTER 8 DISCUSSION OF RESULTS

8.1	The amount of negotiated repair
8.1.1	Comparing the corpus total with other studies251
8.1.2	Accounting for the effect of a group outlier
8.2	The effect of individual learner variables (ethnicity, gender
	and pairing) on the amount of repair256
8.2.1	The effect of ethnicity on the amount of repair
8.2.2	The effect of gender on the amount of repair258
8.2.3	The effect of pairing on the amount of repair
8.2.4	The effect of the interaction of ethnicity and gender on
	the amount of repair
8.2.5	The effect of the interaction of ethnicity and pairing on
	the amount of repair
8.2.6	The effect of the interaction of gender and pairing on
	the amount of repair
8.2.7	Summary

8.3	The effect of task on the amount of repair
8.3.1	The effect of the interaction of task and individual learner
	variables on the amount of repair271
8.3.2	Summary
8.4	Signals of non-understanding compared with those reported
	in other studies
8.4.1	The effect of individual learner variables (ethnicity, gender
	and pairing) on the signals of non-understanding273
8.4.2	The effect of task on the signals of non-understanding
8.4.3	Summary
8.5	Responses compared with those reported in other studies279
8.5.1	The effect of individual learner variables (ethnicity, gender
	and pairing) on the responses
8.5.2	The effect of task on the responses
8.5.3	Summary

CHAPTER 9 CONCLUSIONS

9.1	Summary of the study	289
9.2	Theoretical implications2	292
9.3	Pedagogical implications2	295
9.4	Limitations of the study2	296
9.5	Directions for future research2	297

APPENDICES

Appendix	А	Learner profile questionnaire	300
Appendix	В	Learner profile data summary	302
Appendix	С	Conversation topic suggestions	303
Appendix	D	Decision-making task 1: The Desert Island	304
Appendix	Е	Decision-making task 2: A Sad Story	305

Appendix	F	Transcription notation
Appendix	G	Sample transcript
Appendix	Н	Communication breakdown frequencies per subject 319
Appendix	I	Outlier's real frequency count
Appendix	1	Post-recording interview questions and answers

LIST	OF	REFERENCES	340
------	----	------------	-----

LIST OF TABLES

Table 1	Repair frequencies by ethnicity
Table 2	Repair frequencies by gender206
Table 3	Repair frequencies by pairing
Table 4	Repair frequencies by ethnicity-gender
Table 5	Repair frequencies by ethnicity-pairing
Table 6	Repair frequencies by gender-pairing
Table 7	Repair frequencies by task (DM1/DM2) 209
Table 8	Repair frequencies by task (FC/DM)210
Table 9	Repair frequencies by task-ethnicity210
Table 10	Repair frequencies by task-gender211
Table 11	Repair frequencies by task-pairing
Table 12	Signals by ethnicity, gender and pairing213
Table 13	Signals by ethnicity-gender
Table 14	Signals by ethnicity-pairing
Table 15	Signals by gender-pairing
Table 16	Trigger modified and trigger non-modified signals by
	ethnicity, gender and pairing216
Table 17	Trigger modified and trigger non-modified signals by
	ethnicity-gender
Table 18	Trigger modified and trigger non-modified signals by
	ethnicity-pairing
Table 19	Trigger modified and trigger non-modified signals by
	gender-pairing
Table 20	Trigger modified signals by ethnicity, gender and pairing
Table 21	Trigger modified signals by ethnicity-gender
Table 22	Trigger modified signals by ethnicity-pairing

Table 23	Trigger modified signals by gender-pairing
Table 24	Signals by task
Table 25	Signals by task-ethnicity
Table 26	Signals by task-gender
Table 27	Signals by task-pairing
Table 28	Trigger modified and trigger non-modified signals by
	task
Table 29	Trigger modified and trigger non-modified signals by
	task-ethnicity
Table 30	Trigger modified and trigger non-modified signals by
	task-gender
Table 31	Trigger modified and trigger non-modified signals by
	task-pairing
Table 32	Trigger modified signals by task
Table 33	Trigger modified signals by task-ethnicity
Table 34	Trigger modified signals by task-gender
Table 35	Trigger modified signals by task-pairing
Table 36	Responses by ethnicity, gender and pairing
Table 37	Responses by ethnicity-gender
Table 38	Responses by ethnicity-pairing
Table 39	Responses by gender-pairing
Table 40	Modified and non-modified responses by ethnicity,
	gender and pairing
Table 41	Modified and non-modified responses by ethnicity-gender 237
Table 42	Modified and non-modified responses by ethnicity-pairing 237
Table 43	Modified and non-modified responses by gender-pairing
Table 44	Response modification types by ethnicity, gender and pairing 239
Table 45	Response modification types by ethnicity-gender
Table 46	Response modification types by ethnicity-pairing

Table 47	Response modification types by gender-pairing
Table 48	Responses by task
Table 49	Responses by task-ethnicity
Table 50	Responses by task-gender
Table 51	Responses by task-pairing
Table 52	Modified and non-modified responses by task
Table 53	Modified and non-modified responses by task-ethnicity
Table 54	Modified and non-modified responses by task-gender
Table 55	Modified and non-modified responses by task-pairing
Table 56	Response modification types by task
Table 57	Response modification types by task-ethnicity
Table 58	Response modification types by task-gender
Table 59	Response modification types by task-pairing
Table 60	Number of words spoken by ethnic pairings in
	FC and DM tasks

LIST OF FIGURES

Figure 1	Data for SLA	128
Figure 2	Framework for coding data on negotiated interaction	134
Figure 3	Research design	183

LIST OF ABBREVIATIONS

AE(s)	American speaker(s) of English
Cat(s)	Categories
CLT	Communicative language teaching
CofP	Community of practice
DM1	Decision-making task 1
DM2	Decision-making task 2
EFL	English as a foreign language
ESL	English as a second language
FC	Free conversation
FLA	First language acquisition
IELTS	International English language testing system
JE(s)	Japanese speaker(s) of English
JET	Japan exchange of teaching
JJ(s)	Japanese speaker(s) of Japanese
L1	First language
L2	Second language
NNS(s)	Non-native speaker(s)
NS(s)	Native speaker(s)
SLA	Second language acquisition
TEFL	Teaching English as a foreign language