



UNIVERSITI PUTRA MALAYSIA

IMPACT OF PEER REVIEW ON THE ESL COMPOSING PROCESS

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By

ABDEL RAHMAN ABDALLA SALIH AHMED

**Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia,
in Fulfillment of the Requirement for the Degree of Doctor of Philosophy**

March 2003



DEDICATION

To my parents who inculcated in me the love for knowledge,
My teachers who gave me knowledge and guided me to search for it, and
My wife and son for their love, care, and support



Abstract of thesis presented to the Senate of Universiti Putra Malaysia in fulfillment
of the requirement for the degree of Doctor of Philosophy

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March 2003

Chairman: Mohd Faiz Abdullah, Ph.D.

Faculty: Modern Languages and Communication

One of the distinctive features of the process approach to writing theory is its inclusion of various identifiable stages which composition undergoes, unlike the product approach which treats the act of writing with finality. The persistence of the composing process notion for multiple drafts in text creation has called for active involvement of learners as both reviewers and feedback providers. Despite the growing research in the area of writing processes, little is known about the effects of peer review on L2 writers' perceptions and linguistic development. The present study explores the effects of peer review activities on ESL composing process practice as perceived by the learners and the ways by which these activities affect students' linguistic development. Twenty nine undergraduate matriculation students at the IIUM majoring in English language and literature participated in the study. Sixteen of these students participated in the peer review activities, while the remaining thirteen formed the comparison group. A total of 130 essays (80 essays produced during peer



review activities and 50 essays during the pre test and post test stages by both groups) were collected over a period of nine weeks. Peer reviews were conducted over five sessions, and first and revised drafts were produced on five different topics of expository writing genre. The students' first and final drafts, pre test and post test essays were collected and analyzed, and a post interview and a questionnaire survey were conducted. Non-participant observation was carried out to determine the types of negotiation and interaction that occur during peer review sessions. Further, students' errors before and after exposure to peer reviews were analyzed, identified and classified.

The findings indicate that the students perceived peer review as useful and effective, and that they maintained social harmony during the process of providing and getting comments and feedback. It was also discovered that the students demonstrated selectivity in incorporating peer comments and suggestions, besides displaying fewer form and content errors after the exposure to peer reviews. Peer reviews were also found to contribute to the development of learners' social skills, awareness as learners and of linguistic as well as rhetorical knowledge. The study suggests that L2 learners be given more opportunities to participate in process-based composing activities. The study also suggests that there is a need for error analysis within the context of process-oriented language learning in appreciation of learners' errors as positive learning strategies and signs of learners' current language on the target language.



Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia
sebagai memenuhi syarat untuk ijazah Doktor Falsafah

**IMPAK PENYELIDIKAN KUMPULAN DALAM PROSES KARANGAN
BAHASA INGGERIS (ESL)**

Oleh

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Salah satu perbezaan yang sangat ketara dalam pendekatan proses terhadap teori penulisan ialah kemasukan pelbagai peringkat yang dapat dikenal pasti dan yang dilalui dalam proses mengarang jika dibandingkan dengan produk penulisan di mana produk yang dihasilkan adalah muktamad. Elemen ketetapan dalam proses mengarang sangat penting. Ini adalah kerana pelajar-pelajar harus menulis rangka teks itu berulang-kali di mana pelajar-pelajar bertindak sebagai penyelidik dan pemaklum balas. Walaupun telah ada penyelidikan yang berterusan dalam bidang proses penulisan tetapi hanya sedikit sahaja yang diketahui mengenai kesan aktiviti penyelidikan kumpulan atas persepsi dan perkembangan linguistik penulis L2. Penyelidikan masa kini akan menyelidik kesan aktiviti tersebut dalam proses latihan mengarang penulisan ESL seperti yang dilihat oleh pelajar-pelajar. Di samping itu juga ia akan mengaitkan bagaimana aktiviti diterangkan ini boleh memberi kesan kepada perkembangan linguistik pelajar-pelajar. 29 mahasiswa UIAM yang masih menuntut di Matrikulasi dalam bidang Bahasa Inggeris dan Kesusasteraan telah



dijadikan subjek dalam kajian ini. 16 dari pelajar-pelajar ini terlibat dalam aktiviti penyelidikan kumpulan manakala 13 pelajar-pelajar ini pula terlibat dalam aktiviti kumpulan perbandingan. Sebanyak 130 karangan (80 karangan dihasilkan ketika menjalankan aktiviti penyelidikan kumpulan dan 50 karangan dihasilkan ketika ‘pre-test’ dan ‘post-test’ diadakan bagi kedua-dua karangan) telah dikumpul dalam jangka masa 9 minggu. Penyelidikan kumpulan telah diadakan sebanyak lima sesi, draf yang pertama dan yang terakhir telah dihasilkan berdasarkan lima topik yang berbeza yang berkaitan dengan karangan jenis eksposisi. Hasil penulisan pelajar-pelajar untuk draf pertama dan terakhir, ‘pre-test’, ‘post-test’ telah dikumpulkan dan dianalisis. Di samping itu, kaedah soal-selidik dan wawancara dengan pelajar-pelajar telah dijalankan. Selain daripada itu, kaedah pemerhatian tanpa penglibatan secara terus juga telah dijalankan untuk menentukan jenis interaksi dan rundingan yang diadakan ketika sesi penyelidikan kumpulan. Kesilapan yang dilakukan oleh pelajar-pelajar sebelum dan selepas didedahkan kepada aktiviti penyelidikan kumpulan telah dianalisis, dikenal pasti dan diklasifikasi.

Hasil dari kajian ini, pelajar-pelajar dapat melihat bahawa aktiviti penyelidikan kumpulan sangat berguna, efektif dan pelajar-pelajar juga dapat memelihara keharmonian sosial ketika memberi dan mendapat komen serta maklum balas. Kajian ini juga menunjukkan pelajar-pelajar sangat berhati-hati dalam menggabungkan komen dan cadangan daripada rakan sebaya. Dapatan yang diperolehi daripada kajian ini menunjukkan pelajar-pelajar melakukan kesilapan yang kecil dari aspek isi kandungan dan pembentukan ayat setelah didedahkan kepada aktiviti penyelidikan

kumpulan. Berdasarkan kajian ini, perkembangan kemahiran sosial pelajar-pelajar, kesedaran sebagai pelajar dan pengetahuan linguistik dan retorik adalah hasil sumbangan daripada aktiviti penyelidikan kumpulan. Kajian ini juga mencadangkan pelajar-pelajar L2 harus diberi peluang untuk terlibat dalam aktiviti proses mengarang. Kajian ini juga mencadangkan bahawa keperluan mengadakan latihan analisis kesalahan dalam konteks mempelajari bahasa sebagai satu strategi yang penting dan positif dalam proses pembelajaran bahasa.

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I certify that an Examination Committee met on 29th March 2003 to conduct the final examination of Abdel Rahman Abdalla Salih Ahmed on his Doctor of Philosophy thesis entitled “Impact of Peer Review on the ESL Composing Process” in accordance with Universiti Pertanian Malaysia (Higher Degree) Act 1980 and Universiti Pertanian Malaysia (Higher Degree) Regulations 1981. The Committee recommends that the candidate be awarded the relevant degree. Members of the Examination Committee are as follows:

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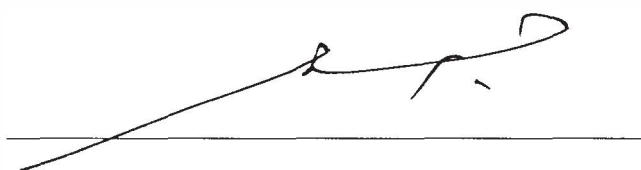
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DECLARATION

I hereby declare that the thesis is based on my original work except for quotations and citations, which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at UPM or other institutions.



ABDEL RAHMAN ABDALLA SALIH AHMED

Date: 20/5/2003

TABLE OF CONTENTS

	Page
DEDICATION	ii
ABSTRACT	iii
ABSTRAK	v
ACKNOWLEDGEMENTS	viii
APPROVAL SHEET 1	x
APPROVAL SHEET 2	xi
DECLARATION FORM	xii
LIST OF TABLES	xvi
LIST OF FIGURES	xvii
LIST OF ABBREVIATIONS	xviii
CHAPTER	
1 INTRODUCTION	1
1.1 Background to the Study	1
1.2 Statement of the Problem	9
1.3 Research Questions	14
1.4 Purpose of the Study	15
1.5 Theoretical Framework	17
1.6 Significance of the Study	26
1.7 Scope of the Study	31
1.8 Definition of Terms	32
1.9 Overview of the Dissertation	35
2 LITERATURE REVIEW	36
2.1 An Overview of ESL Writing Theories	36
2.2 Peer Review	51
2.3 Benefits of Peer Review	64
2.4 Self Review	70
2.5 Collaborative Language Learning	73
2.6 Interlanguage	84
2.7 Summary	91
3 METHODOLOGY	93
3.1 Design	93
3.2 Subjects	95
3.3 Materials and Methods	97
3.3.1 Pre test	98
3.3.2 Peer Review Activities	99
3.3.3 Non Participant Observation	101



3.3.4	Post Interview	103
3.3.5	Questionnaire	104
3.3.6	Post test	105
3.4	Data analysis	106
3.4.1	Analysis of Pre test Scores	106
3.4.2	Analysis of Written Scripts	106
3.4.3	Results of Non-participant Observation	108
3.4.4	Analysis of Post interviews	108
3.4.5	Analysis of Questionnaire Data	109
3.4.6	Analysis of Post test Scores	110
3.4.7	Analysis of Errors	111
3.5	Pilot Study	112
3.5.1	Study setting	113
3.5.2	Subjects	113
3.5.3	Materials	114
3.5.4	Procedures	115
3.5.5	Data analysis and Outcomes	117
4	RESULTS AND DISCUSSION I	120
4.1	Peer Review Written Scripts	120
4.1.1	Incorporation of Peers' Suggestions	122
4.1.2	Feedback Suggested but not Included in Revision	126
4.1.3	Feedback Included but not Suggested	128
4.2	Non Participant Observation	138
4.3	Post Interview Outcomes	142
4.4	Questionnaire Survey	153
4.4.1	Usefulness of Peer Review	154
4.4.2	Social Skills and Cooperation	156
4.4.3	Competence and Self-growth	160
4.4.4	The Importance of Grammar Correction	165
4.4.5	Feedback Incorporation and Revision Strategies	166
4.4.6	The Role of Teacher Feedback	169
4.4.7	Feedback Expectations	171
4.5	Cumulative Effect of PR Five Sessions	176
4.6	Summary of the Results	178
5	RESULTS AND DISCUSSION II	180
5.1	Analysis of Errors: Peer Review Group	180
5.2	Analysis of Errors: Comparison Group	196
5.3	Summary of the Results	208
5.4	Discussion	208
6	CONCLUSION	229
6.1	Summary	229



6.2	Main Conclusions of the Study	229
6.3	Implications	230
6.4	Applications and Recommendations	233
6.5	Suggestions for Further Research	238
BIBLIOGRAPHY		240
APPENDICES		247
A	Pre test Topic/ Instruction Sheet(s)	248
B	Post test Topic/ Instruction Sheet(s)	249
C-G	Writing the First Draft (Session 1-5)	250-254
H	Peer Review Task Sheet	255
I	Post Interview Schedule	256
J	Post Peer Review Feedback	258
K	Debriefing Questionnaire	260
L	Post Interview Scripts	264
M	Sample of the PR Group Pre test Scripts	276
N	Sample of the PR Group Post test Scripts	277
O	Sample of the Students' Peer Review Scripts	279
P	Sample of the Comparison Group Pre test	283
Q	Sample of the Comparison Group Post test	285
BIODATA OF AUTHOR		286



LIST OF TABLES

Table	Page
1: Revision pattern and feedback incorporation	135
2: Usefulness of peer review	156
3: Social skills and cooperation	160
4: Competence and self-growth	164
5: The importance of grammar correction	165
6: Feedback incorporation and revision strategies	169
7: The role of teacher feedback	170
8: Score and percentage rating of the area expected to be reviewed by peers	174
9: Score of revision patterns in five sessions	177
10: Summary of errors detected (PR group pre test)	181
11: Summary of errors detected (PR group post test)	194
12: Summary of errors (PR group pre test and post test)	210



LIST OF FIGURES

Figure		Page
1:	Second Language Learning as Learner Education	18
2:	Proposed Model for Peer Review as Collaborative Learning	24
3:	Procedures for Error Analysis	26



LIST OF ABBREVIATIONS

Some terms are commonly used in the field of applied linguistics and are known in their abbreviated forms while others have been expressed as acronyms in the present study:

L2 (Second Language)

FL (Foreign Language)

ESL (English as a Second Language)

EFL (English as a Foreign Language)

SLA (Second Language Acquisition)

L1 (First Language), MT (mother tongue): used as synonyms

EA (Error Analysis)

TL (Target Language)

PR (Peer Review)

UPM (Universiti Putra Malaysia)

UM (Universiti Malaya)

IIUM (the International Islamic University Malaysia)

ZPD (Zone of Proximal Development)

IL (Interlanguage)

The question mark (?) is used as an alternative correct form (Chapter 5)

TV (television)

I/PR (Included/Peer Review)

N/PR (Not included/Peer Review)



I/NPR (Included/Not in Peer Review)

Pre T (Pre test)

Post T (Post test)



CHAPTER 1

INTRODUCTION

1.1 Background to the Study

The last decade or so has witnessed a considerable growing volume of second language (L2) research related to acquisition/learning processes, especially in the area of writing. As a result of the remarkable trend in L2 pedagogy research towards the incorporation of process-oriented tasks, the area of learning and teaching writing is now emerging as researchers are trying to focus on writing as a process with various dimensions and aspects. The process approach to writing invokes multiple identifiable stages which characterise writing as a recursive process where ideas are generated, negotiated and revised during text creation (Zamel, 1982, 1983; Carson and Nelson, 1996).

The typical written English of ESL learners is generally found to contain learner errors in coherence, organization, idea development, form and an absence of self-correction activity as well. In other words, the process of composition writing is expected to reflect a variety of learner error types and instances of absence of self-correction activities. It could be argued that self and peer review strategies are not taught to students in language classes. As a result of this problem, when students write or communicate in English they produce new forms of language that carry the features of the inappropriately used linguistic categories. Richards and Sampson

(1984:6) argue that “like first language learners, the second language learner tries to derive the rules behind the data to which he has been exposed, and may develop hypotheses that correspond neither to the mother tongue nor target language.” This will definitely affect the communication process and cause confusion and inaccuracy.

A recognition of the need to explore not only the learner's linguistic knowledge in writing but also the different phases composition goes through, has paved the way for a new concept in composition research, namely the composing process (Nelson and Carson, 1998). Recent research attempts to understand the various stages underlying the composing process by which writers generate ideas, discover meaning, receive feedback and revise drafts to present the final product (Zamel, 1982, 1983; Chaudron, 1984; Keh, 1989; Nelson and Murphy, 1993; Villamil and De Guerrero, 1996), and the students' perceptions of peer feedback to writing and the socio-cognitive dimensions of interaction in peer review activities (De Guerrero and Villamil, 1994; Carson and Nelson, 1996), as well as the search for the best moments for providing feedback to student writers (Frankenberg-Garcia, 1999).

Research has also attempted to provide theoretical and empirical validity for process-oriented learning models, experiential learning and collaborative learning, and the application of process-oriented and collaborative learning models in target language learning activities (Kohonen, 1992; Olsen and Kagan, 1992; Coehlo, 1992). While some work has been done in the area, many questions still remain for investigation. For instance, what are the learner's personal factors that contribute towards the



quality of writing? Moreover, what are the aspects of peer-peer response in peer writing? And what are the suitable techniques that could be implemented in order to validate self and peer review for learner linguistic development? Yet, the question of the role that the learner's culture and experience play in responding to the interaction process remains confusing.

In fact, the emergence of learner language focused in the late 1980s and its growth in English as a second language (ESL) and foreign language (EFL) contexts has provided considerable insights into how ESL/EFL classes could be more learner-centred (Ellis, 1985; Larsen-Freeman and Long, 1991). The idea of learner-centredness has actually developed in tandem with a strong tendency for researchers to explore the usefulness and validity of feedback, self and peer review and revision on learners' written language (see, for example, Devenney, 1989; Makino, 1993; Chandrasegaran, 1986; Jacobs, Curtis, Braine, and Huang, 1999; Nelson and Carson, 1998; Mendonça and Johnson, 1994; Sheppard, 1992).

Research has also refocused on performance and the processes that accompany the production of particular aspects of the language system by learners. In fact, error correction is one of the several major themes and perspectives that have attained wide interest among researchers and language instructors. According to Krahnke and Christison (1983), no facet of language pedagogy has been viewed a conundrum other than that of learner shortcomings. What has occurred, then, is a veritable controversy over the issue of learner errors and the way they are to be treated. Thus, teachers and



researchers' efforts have focused on seeking the best way to respond to and correct learners' errors, especially in the written language (Robb, Ross, and Shortreed, 1986; James, 1998; Atari and Triki, 2000).

However, despite the emergence of Second Language Acquisition (SLA) as a fertile research field, and in spite of the growing shift in interests in the area, the issue of treating learners' errors by teachers or tutors remains controversial. According to Chaudron (1988) Nunan (1989) and Ferris (2002), researchers, when tackling this matter, are faced with the following key questions:

1. What is there to correct in learner language?
2. When should correction be carried out?
3. How should learner error be corrected? and,
4. Who should correct the learners' errors?

In past decades, however, the issue of error treatment in the written work of learners in second and foreign language settings has restricted itself to only giving attention to production of the forms without considering the aspects of learning the structure and other systems of the target language. Moreover, no attempt has been made to relate L2 learners' errors to the different stages in the composing process. Instead, learners' linguistic production in the written and spoken language has been accommodated by a systematic intervention of the teacher correcting the errors without giving the

learners a chance to practise correcting their errors by themselves. Learners were not trained to review their errors or to participate in correcting them either.

Nevertheless, L2 research has shown that errors made by learners have been viewed as mere failure to grasp L2 data successfully (Dulay, Burt and Krashen, 1982). Due to this perception, and in the absence of empirical justification for the incorporation of feedback alternatives, teachers have remained as the main source that provides feedback for learners' production. This heavy teacher corrective process, in one way, has led to what is known as the teacher-centred approach (Gaies, 1985).

Teacher-centred classroom procedures seem to overlook both involving students in providing corrective feedback and implementing composing process skills and strategies. "On the other hand", Atari and Triki (2000: 95) argue that, "teachers tend to approach students' compositions as final drafts to be evaluated and corrected rather than as texts developed over time and analysed in terms of writer's intention, readers' expectations, topic and purpose of writing." The implication of this observation is that, learners' written scripts are expected to reflect an absence of peer review and process-based feedback. One more factor that has contributed to make the situation difficult is the fact that learners are not given time to take part in error treatment.

It is basically important to mention here that the growing body of L2 research with its abundance of information, resulting in often surprising findings, has contributed to considerable shifts in the researchers' interests in various areas of the discipline