

**Modelling voice as Appraisal and Involvement resources:
The portrayal of textual identities and interpersonal relationships
in the written stylistic analyses of non-native speaker,
international undergraduates.**

Volume 1

Anne Isaac

A thesis submitted for the degree of Doctor of Philosophy
University of Canberra

September 2012

© Anne Isaac 2012

Abstract

This thesis aims to address the need for a fine-grained, linguistically-principled model for describing voice and its development in specialised academic writing contexts. The study develops and evaluates a model for analysing the voices and identities students need to perform in the domain of pedagogical stylistics. The new theory is predominantly informed by Systemic Functional Linguistics (SFL), and models voice as genre and the interpersonal systems of Appraisal and Involvement. Appraisal, the principal analytical tool, maps the resources associated with the construction of an effective voice, namely those that express the writer's views on the subject matter (Attitude), adjust their commitment to those views (Graduation), and more authoritatively and/or persuasively align the imagined reader to the argument being made (Engagement). Involvement features, such as technical terms and grammatical metaphor, enable the writer to bond with the imagined reader by projecting their reciprocal identities and shared affiliations and interests.

The new model offers two particular advances in relation to existing linguistic and theoretical approaches to voice in academic writing. Firstly, a more balanced theorisation of voice enables the analyst to show how the writer's interpersonal choices enact and/or create an impression of her/his individuality, as well as of her/his social identities. From an intersubjective perspective, the combined lenses of Appraisal and Involvement provide additional insights into the overt and covert ways in which the assumed reader is aligned to the writer's argument and the actual reader is invited to comply with this reading position. Thirdly, extensions of the Attitude and Engagement systems within Appraisal have been developed to account for discipline- and topic-specific characteristics of the data, and these are incorporated into the model.

The primary data were the literary stylistic analysis arguments of ten international non-native speaker (NNS) undergraduates enrolled in a subject that adopted a stylistics-based approach to English for Academic Purposes (EAP) instruction. The study employed a discourse analytic, case study methodology. In-depth, stage-by-stage analysis of a high-graded argument made it possible to relate variations in linguistic choices to modulations of the

writer's voice and rhetorical positioning of the assumed reader, and corresponding shifts in their projected identities and bonds. Comparative analyses of nine lower-graded arguments and a small corpus of the case study participant's writing across two genres respectively provided a description of an effective voice in the domain of pedagogical stylistics, and evidence of the writer's unique voice traits. Lastly, evaluation of the model was informed by interrogation of the analytical process and its outcomes, and specifically of the extended Appraisal framework.

Although exploratory, the study makes an original contribution to research on voice in academic discourse by its innovative theorisation of voice and detailed deconstruction of voices privileged in a specific text, genre and discipline. The study has theoretical implications for linguists interested in modelling voice, particularly through Appraisal theory, in stylistics and related domains. Finally, it offers EAP teachers insights and tools for helping students to fashion voices that conform to disciplinary conventions but also express their individuality.

Acknowledgements

There are many people to whom I am deeply indebted in relation to this thesis. First and foremost, I would like to express my heartfelt thanks to Associate-Professor Mary Macken-Horarik, my supervisor, for her probing questions and honest and constructive feedback, and for her generosity of spirit and enduring faith.

Special thanks are also due to Professor Pamela Christie, Dr Marina Houston and Dr Clare Rhoden for their understanding and support; to staff at the University of Canberra, particularly Cath Raby in the Research Students' Office, and Maryanne Ferguson, David George and others in Interlibrary Loans for their assistance throughout my candidature; and to Geoff Thompson for his practical advice on an aspect of my data analysis.

I am also sincerely grateful to the mentors who helped me to set off on this journey, and to family, friends and colleagues who have supported and encouraged me along the way. I look forward to thanking each of them in person. Last but not least, I thank my mother, for her teachings beyond voice.

Table of Contents

List of Figures.....	xvii
List of Tables.....	xix

Chapter 1 Outlining the thesis

1.1 Introduction.....	1
1.2 Context.....	1
1.2.1 English for Academic Purposes.....	1
1.2.2 The development of academic writing skills	3
1.2.3 Definitions of voice and its treatment across the academic literacy landscape.....	4
1.2.4 Existing theoretical approaches to voice	7
Key advances.....	8
1.3 Three interrelated problems around voice in L2 undergraduate writing	9
1.3.1 The practical problem: The difficulty involved in acquiring an effective voice	9
Significance of the practical problem.....	10
1.3.2 The pedagogical problem: The need for a suitable approach to teaching voice.....	12
1.3.3 The theoretical problem: The need for an adequate linguistic model of voice	15
Limitations of Functional approaches to voice	16
1.4 The project of this thesis.....	17
1.4.1 Requirements for an adequate and appropriate linguistic model of voice.....	17
1.4.2 Delimiting the scope of the thesis.....	19
1.5 Background to the research	20
1.5.1 The specific pedagogic context	20
1.5.2 Emergence of the research focus	22
The pilot study.....	22
The final study.....	24
Data collection and emergence of the study's linguistic focus.....	24
Evolution of the research design and choice of data.....	26

1.6 Research design.....	27
1.6.1 Data.....	27
1.6.2 Goal, aim, objectives and components of the study	27
1.6.3 Research questions.....	28
1.6.4 Analytical approach to the data	29
1.6.5 Limitations of the research design.....	29
1.6.6 The theoretical framework.....	30
SFL	30
Appraisal	34
Involvement	35
Other approaches.....	36
1.7 Significance of the study.....	36
1.7.1 Theoretical significance.....	36
1.7.2 Pedagogical significance	39
1.8 Thesis outline	40

Chapter 2 Mining theories of voice across the academic literacy landscape

2.1 Introduction.....	42
2.2 Key concepts and terms of use	42
2.2.1 Voice.....	43
2.2.2 Identity/ Identities.....	44
2.2.3 Discourse/s.....	47
2.2.4 Discourse or disciplinary community.....	48
2.2.5 Genre	49
2.2.6 Register.....	50
2.2.7 Other frequently used terms.....	52
Intercultural vs. cross-cultural.....	52
The writer vs. the author	52
She/her.....	52
The reader: Actual and imagined	52

2.3 Analytical approaches to voice across the academic literacy landscape.....	52
2.3.1 Text-based approaches to voice.....	53
2.3.1.1 ESP-Pragmatics.....	54
Contributions to the proposed theory of voice.....	54
Limitations	57
Summary: Pragmatic approaches to voice.....	59
2.3.1.2 Functional approaches.....	60
A. SFL.....	60
B. Birmingham School Functional approaches	88
2.3.2 Practice-based approaches to voice	91
Ivanič.....	93
Summary: Practice-based approaches to voice.....	94
2.3.3 Approaches to voice in the Composition and neo-Rhetorical traditions.....	95
2.3.3.1 Trend 1: Social constructionist and interactionist views of voice.....	97
Goffman	97
Cherry and Maingueneau.....	99
2.3.3.2 Trend 2: Individuality revisited.....	100
Elbow	100
Johnstone.....	101
2.3.3.3 Trend 3: Sociocultural approaches to voice	103
Vygotsky	103
Wertsch	104
Prior.....	105
Wells	107
SCT and SLA	107
Summary: Approaches to voice in Composition/New Rhetoric studies.....	109
2.4. Overview: Theoretical approaches to voice across the academic literacy landscape.....	111
2.4.1 Text-focused approaches	112
2.4.1.1 ESP-Pragmatic approaches	112
2.4.1.2 Functional approaches	113
2.4.2 Practice-based approaches	116
2.4.3 Composition/neo-Rhetoric approaches.....	116
2. 5 Conclusion.....	118

Chapter 3 Elaborating the research design and the new model of voice

3.1 Introduction	119
3.2 Outlining the research design	119
3.3 Theoretical framework: The new model of voice.....	120
3.3.1 A context-based theory of voice	120
3.3.2 A model that defines the relationship between the writer, her voice and identities	124
3.3.3 A conception of the dual inter-related functions of voice	125
3.3.3.1 The expressive function	125
3.3.3.2 The conative or reader-oriented function	127
3.3.4 A semantic and lexicogrammatical model.....	129
3.3.5 A model that captures variations in voice.....	131
3.3.5.1 Overarching voice	131
3.3.5.2 Voice types	132
3.3.5.3 Voice roles.....	133
3.3.5.4 Stance	136
3.3.5.5 Summary: The architecture of voice	137
3.3.6 Towards an emergent and agentive model of voice	138
3.3.7 Towards a model that accounts for the acquisition of voice	139
3.3.8 Summary: The proposed model of voice.....	142
3.4 Detailing the research design	146
3.4.1 Components of the study design.....	146
3.4.2 The research approach: Strengths and limitations	147
3.4.3 The participants	149
3.4.3.1 Proficiency levels	150
3.4.3.2 Socio-economic factors	151
3.4.3.4 Literacy learning backgrounds	152
3.4.3.4 Motivation and other psychological factors	153
3.4.3.5 Summary	154
3.4.3.6 The case study participant: Aliénor.....	154
3.4.4 Data.....	155
3.4.5 Data analysis.....	157
3.4.6 Results of data analysis.....	159
3.4.7 Ethical considerations.....	160
3.5 Conclusion.....	160

Chapter 4 Tools for analysing voice

4.1 Introduction	162
4.2 Genre	162
4.2.1 Two genres, two views	163
4.2.1.1 The narrative genre.....	164
4.2.1.2 The stylistic analysis genre	164
Summary	167
4.3 The Involvement system	167
4.3.1 Categories of Involvement.....	168
Summary	170
4.4 Appraisal.....	170
4.4.1. Attitude	172
4.4.1.1 Affect.....	173
Affect in narratives	173
Categories of Affect.....	174
Loadings.....	183
4.4.1.2 Judgement.....	184
Judgement in narratives	184
Categories of Judgement.....	185
4.4.1.3 Appreciation	187
Categories of Appreciation	188
Summary	196
4.4.2. Graduation	196
4.4.2.1 Focus	197
4.4.2.2 Force.....	198
A. Intensification.....	199
B. Enhancement	200
C. Quantification.....	200
Summary	202
4.4.3 Engagement	203
4.4.3.1 Categories of Engagement	205
Monogloss.....	205
Heterogloss	208
Summary	212

4.4.3.2 Self- and reader-reference markers	212
Summary	217
4.4.4 Methodological issues in coding Appraisal.....	218
4.4.4.1 Semantic overlaps between Appraisal systems.....	218
4.4.4.2 Semantic overlaps within Attitude	219
Borders of Affect and Appreciation.....	219
Borders of Judgement and Appreciation.....	220
4.4.4.3 Semantic overlaps within Engagement	222
Overlaps between Entertain, Attribute and Endorse.....	222
Entertain and Pronounce	223
4.4.4.4 Implicit evaluation.....	223
Measures to counter subjectivity in coding implied Attitude	225
4.5 Conclusion.....	231

Chapter 5 Voices in the narrative

5.1 Introduction.....	235
5.2 Introduction to the extract from ‘The Letter’,.....	236
5.2.1 Notation system	238
5.2.2 Results of the combined genre and axiological analysis	238
5.2.3 Results of the combined Appraisal, voice types and voice roles analyses	239
5.2.3.1 Attitude.....	239
A. Affect: Two voice types, two emotive voice roles.....	239
B. Judgement: Two voice types, two adjudicating voices	241
C. Appreciation: Emotive and adjudicating voice roles	243
5.2.3.2 Graduation	243
5.2.3.3 Engagement and self- and reader-references.....	244
5.2.4 Involvement	245
5.2.5 Summary.....	245
5.2.6 Conclusion	246

Chapter 6 Voices in the stylistic analysis

6.1 Introduction	247
6.1.1 Organisation and foci of the chapter.....	248
6.2 Introduction to Aliénor’s stylistic analysis	249
6.3 Results of the ESML genre analyses	253
6.3.1 Aliénor’s argument	253
6.3.2 Aliénor’s peers’ arguments.....	256
6.3.2.1 Naomi’s argument	257
6.3.2.1 Helen’s argument	258
6.3.3 Summary of the genre analysis of the ESML arguments	259
6.4 Results of the Appraisal and Involvement analyses: Overall quantitative trends.....	260
6.4.1 Aliénor’s stylistic argument.....	260
6.4.1.1 Quantitative results of the Appraisal analysis	260
Attitude: types and explicit or implicit construal.....	260
Graduation.....	262
Engagement.....	262
Self- and reader-references	264
6.4.1.2 Quantitative results of the Involvement analysis	265
6.4.2 The stylistic arguments of Aliénor’s peers	266
6.4.3 Summary: Overall quantitative trends in the use of interpersonal resources	267
6.5 Results of the analysis of interpersonal resources in the three voice types: Quantitative and qualitative trends.....	268
6.5.1 The affective voice	271
6.5.1.1 Task requirements	271
Voice roles that enact an affective voice	271
6.5.1.2 The discourse semantic view of interpersonal resources in the affective voice.....	272
Aliénor: Quantitative trends.....	272
Aliénor’s peers: Quantitative trends	276
Aliénor and her peers: Qualitative trends	277
6.5.1.3 Summary: The discourse semantic view of the affective voice	282
6.5.1.4 The lexicogrammatical view of interpersonal resources in the affective voice	284
Aliénor: Nominalisation.....	284
Aliénor’s peers: Nominalisation	285
Aliénor: Infused Graduation	287

Aliénor's peers: Infused Graduation.....	287
6.5.1.5 Summary: The lexicogrammatical view of the affective voice.....	288
6.5.2 The ethical voice.....	289
6.5.2.1 Task requirements	289
Voice roles that enact an ethical voice.....	289
6.5.2.2 The discourse semantic view of interpersonal resources in the ethical voice	290
Aliénor: Quantitative trends.....	290
Aliénor's peers: Quantitative trends	294
Aliénor and her peers: Qualitative trends	297
6.5.2.3 Summary: The discourse semantic view of the ethical voice	317
6.5.2.4 The lexicogrammatical view of interpersonal resources in the ethical voice.....	319
Abstract and figurative Involvement meanings	319
Infused Graduation.....	322
Lexical variety	323
6.5.2.5 Summary: the lexicogrammatical view of the ethical voice	323
6.5.3 The aesthetic voice	325
6.5.3.1 Task requirements	325
Voice roles that enact an aesthetic voice	325
6.5.3.2 The discourse semantic view of interpersonal resources in the aesthetic voice.....	326
Aliénor: Quantitative trends.....	326
Aliénor's peers: Quantitative trends	330
Aliénor and her peers: Qualitative trends	333
6.5.3.3 Summary: The discourse semantic view of the aesthetic voice	350
6.5.3.4 The lexicogrammatical view of interpersonal resources in the aesthetic voice	352
Grammatical metaphor and subject-core lexis.....	352
Infused Graduation.....	354
6.5.3.5 Summary: The lexicogrammatical view of the aesthetic voice.....	355
6.6 Bringing the findings together	356
6.6.1 Overview of the three voices in Alienor's stylistic analysis.....	356
6.6.1.1 Profiling the Affective voice	359
6.6.1.2 Profiling the ethical voice	360
6.6.1.3 Profiling the aesthetic voice	361
6.7 Conclusion.....	363

Chapter 7 Evaluating the model of voice and the study

7.1 Introduction	365
7.2 Evaluating the proposed model of voice	366
7.2.1 Affordances of the overall model	366
7.2.1.1 Criterion 1: A context-based model of voice	366
7.2.1.2 Criteria 2 and 3: The relationship between voice, the actual writer and her textual identities; and the dual expressive and conative functions of voice	370
7.2.1.3 Criteria 4 and 5: A model with a dual semantic and lexicogrammatical focus that can describe variations in voice	373
The discourse semantic view	373
The lexicogrammatical view	375
7.2.1.4 Criterion 7: An explanation of the voice acquisition process and its relationship with the ‘self’	376
7.2.1.5 Summary of the overview of affordances of the model of voice	377
7.2.2 Affordances of the extended Appraisal apparatus	378
7.2.2.1 The ‘regionalisation’ of Attitude: A fine-grained mesh for profiling voice	378
A. Attitude types	378
B. Attitude sub-types: Appreciation and its sub-sets	380
Reaction	380
Composition	380
Valuation	381
7.2.2.2 Tools for capturing implicit evaluation	382
7.2.2.3 Tools for scaling subjectivity and negotiability	383
7.2.2.4 Summary: Affordances of the Appraisal apparatus	387
7.2.3 Limitations of the model of voice	388
7.2.3.1 Reduced reliability	388
Summary	393
7.2.3.2 Semantic ambiguities and limitations	393
A. Overlaps between Attitude types	393
B. Overlaps between Attitude sub-types and sub-sets	394
C. Semantic limitations: Appreciation and Judgement: value or character	396
Summary	396
7.2.3.3 Intricacy of the model	397
7.2.3.4 The meticulousness required of the coder	397
7.2.4 Summary: Affordances and limitations of the model	398

7.3 Evaluating the study	398
7.3.1 Key contributions to linguistic research	398
7.3.2 Theoretical implications	401
7.3.3 Key contributions to stylistics-based approaches to EAP	403
7.3.3.1 Insights into what makes for an effective voice in the stylistic argument genre	404
Distinctive quantitative features	405
Distinctive qualitative features	405
7.3.3.2 A toolkit of teaching resources.....	407
7.3.4 Pedagogical implications	408
7.3.4.1 Teaching students to ‘read’ voice in texts.....	408
7.3.4.2 Teaching students to construct voices in the stylistic analysis and other texts	411
A. Textual and interpersonal modelling of task requirements	411
B. Sensitisation to voice roles and rhetorical effects of interpersonal patterning	411
C. Addressing the voicing of texts and the use of self- and reader-references	413
D. Vocabulary teaching	414
7.4 Conclusion.....	416
Bibliography.....	418
Appendices.....	Vol. 2

List of Figures

Figure 1.1	Continuum of pedagogical approaches to voice in academic discourse	14
Figure 1.2	The ESML content- and language skill- based curriculum	22
Figure 1.3	Multiple perspectives in SFL for viewing language in use	32
Figure 1.4	The realisation of tenor variables, viewed from the context of situation to the discourse semantic strata	34
Figure 1.5	Basic outline of the Appraisal system	35
Figure 2.1	Genre, register and language on a cline of abstractness	51
Figure 2.2	Interweaving of the narrative's higher and lower order meanings	74
Figure 2.3	The cline of instantiation: Evaluation	80
Figure 2.4	Individuation as a scale of communities of meaning	86
Figure 2.5	Individuation and affiliation	86
Figure 3.1	Theorisation of context in the new model of voice	124
Figure 3.2	Textual plane: Construction of voice and projection of textual identities	125
Figure 3.3	Textual plane: The writer's voice & textual identities	126
Figure 3.4	Textual plane: The writer's voice, her textual identities and those of the projected reader	129
Figure 3.5	The proposed model of voice	132
Figure 3.6	Levels of voice on a cline of differentiation	138
Figure 4.1	The Appraisal framework: Systems and sub-systems	171
Figure 4.2	The Affect system	176
Figure 4.3	Categories of Judgement	186
Figure 4.4	Relationship between modality and Judgement types	187
Figure 4.5	Revised Appreciation network options	189
Figure 4.6	Graduation: Focus: Sub-sets	198
Figure 4.7	Graduation Force: Sub-sets and modes	199
Figure 4.8	Graduation Force: Quantification: Modes and sub-types	201
Figure 4.9	Overview of the Graduation framework	202
Figure 4.10	Categories of Engagement	205
Figure 4.11	Engagement: Monogloss options	206
Figure 4.12	Extended Monogloss options	207
Figure 4.13	Heterogloss options	208
Figure 4.14	Heterogloss (contract): Disclaim and proclaim	209
Figure 4.15	Heterogloss (expand): Entertain	210

Figure 4.16	Heterogloss (expand): Attribute	211
Figure 4.17	Engagement: Monogloss and Heterogloss resources on a cline of factivity	212
Figure 4.18	Self- and reader-reference markers and authorial voice on a cline of subjectivity	214
Figure 6.1	Engagement strategies in Aliénor's text (shown as percentage)	263
Figure 6.2	Comparison of Engagement strategies in the arguments of Aliénor and Lee's students (shown as percentage)	263
Figure 6.3	Attitude in the Aliénor's affective voice by types and frequency	273
Figure 6.4	Engagement strategies in Aliénor's affective voice by types and frequency (shown as percentage)	274
Figure 6.5	Attitude in Aliénor's ethical voice by types and frequency	290
Figure 6.6	Engagement strategies in Aliénor's ethical voice by types and frequency (shown as percentage)	293
Figure 6.7	Gradience between interpersonal and experiential meanings	305
Figure 6.8	Appreciation: Valuation: Sub-sets and spheres of relevance	309
Figure 6.9	Attitude in Aliénor's aesthetic voice by types and frequency	327
Figure 6.10	Engagement strategies in Aliénor's aesthetic voice by types and frequency (shown as percentage)	328
Figure 6.11	Appreciation: Extended Composition sub-sets	334
Figure 6.12	Appreciation: Revised Reaction: subsets	345
Figure 7.1	Clines of subjectivity and authority by Attitude type	379
Figure 7.2	Cline of personal engagement in sub-sets of Reaction	380
Figure 7.3	Engagement categories, degrees and realisations of subjectivity and reader positioning strategies in Aliénor's text	384
Figure 7.4	Heteroglossic resources, degrees and realisations of subjectivity and reader positioning strategies in Aliénor's text	385
Figure 7.5	Clines of subjectivity and negotiability: Conjunction of Engagement and self- and reader-reference resources, their realisations, discourse functions and sentence and text locations	386
Figure 7.6	Simplified model of voice for pedagogical purposes	409

List of Tables

Table 2.1	Author roles and accompanying verb types	55
Table 2.2	Appraisal in Martin's model of tenor and systems of interpersonal meanings (across strata)	68
Table 2.3	Interpersonal features in Macken-Horarik's hierarchy of reading types	75
Table 2.4	Involvement in Martin's model of tenor and systems of interpersonal meanings (across strata)	83
Table 3.1	Realisations of evaluative meaning across grammatical categories	130
Table 3.2	Groupings and order of ESML students by proficiency level	150
Table 4.1	Two argument genres	166
Table 4.2	The revised Involvement framework (across strata)	169
Table 4.3	Bednarek's classification of Affect categories and sub-sets	177
Table 4.4	Congruent realisations of Affect Insecurity	177
Table 4.5	Basic options for classifying implicit Attitude (exemplified through Affect)	179
Table 4.6	Additional options for classifying implicit Affect	182
Table 4.7	Congruent lexical realisations of Judgement (Sanction)	187
Table 4.8	Force: Intensification in isolating, infused and repetition modes	200
Table 4.9	Clines of negotiability, power and solidarity: Conjunction of self-reference, Engagement, discoursal function, genre and discourse and sentence locations	216
Table 4.10	Constituent units in Engagement analysis	230
Table 5.1	Notation system	237
Table 6.1	Aliénor's stylistic analysis	250
Table 6.2	Staging of the argument genre in the ESML model and in Aliénor's text	254
Table 6.3	Excerpt from the genre analysis of Naomi's stylistic analysis	257
Table 6.4	Excerpt from the genre analysis of Helen's argument	258
Table 6.5	Attitude in Aliénor's argument by frequency, types and mode of construal	261
Table 6.6	Voice roles and the meanings they realise in the affective voice	272
Table 6.7	Voice roles and the meanings they realise in the aesthetic voice	326

Table 6.8	Aliénor's three voice types in profile: Characteristic voice roles, stances, constellations of interpersonal resources and projected writer and reader identities and positioning strategies	358
Table 7.1	Measures required to account for implicit codings	389
Table 7.2	Cline of reliability associated with invoked evaluations	392
Table 7.3	Blurred borders between Affect and Judgement	394
Table 7.4	Voice roles, their discourse functions and characteristic conjunctions with voice types	412