LEARNING PROFESSIONAL ETHICAL PRACTICE: THE SPEECH PATHOLOGY EXPERIENCE

HELEN SMITH

B App Sc (Speech Pathology)

SUBMITTED FOR THE DEGREE MASTER OF SCIENCE 2007

Department of Speech Pathology and Audiology
School of Medicine
Faculty of Health Sciences
Flinders University

i

TABLE OF CONTENTS

ABSTRACT	Xİ
DECLARATION	xiii
ACKNOWLEDGEMENTS	xiv
CHAPTER 1 INTRODUCTION	1
1.1 What is professional ethical practice?	1
1.2 Why is competence in the area of professional ethical practice important	?3
1.3 What do we know about professional ethical practice and speech patholo	gy?6
1.4 What do we know about the teaching and learning of ethical practice?	7
1.5 Why is this research project necessary?	8
1.6 Conclusion	9
CHAPTER 2 LITERATURE REVIEW	10
2.1 Introduction	10
2.1.1 A story from clinical practice	10
2.1.2 Introduction to the literature review	11
2.2 What do we want health professionals to learn about professional ethical practice?	
2.2.1 What is professional ethical practice?	12
2.2.2 Key curriculum goals in the area of professional ethical practice	12
2.2.3 The need to explicitly teach professional ethical practice	24
2.3 How does the literature inform our understanding of the teaching and lea of professional ethical practice?	_
2.3.1 Three considerations when considering teaching and learning in professional ethical	
practice	
2.3.2 Learning readiness approaches to understanding learning	27

2.3.	3 A teaching approaches' view to understanding student learning of professional ethical practice	34
2.3.	4 Assessment of professional ethical practice	53
2.4	Formulation of the question	57
2.4.	1 Statement of the research questions	.58
СН	IAPTER 3 RESEARCH PROCESS	59
3.1	Theoretical underpinnings for the research process	.59
3.2	Deciding on the research approach	.60
3.2.	1 Dealing with bias	60
3.2.	2 My Background	61
3.2.	3 Formulation of the research design	63
3.3	Study Design	66
3.3.	I Ensuring credibility and quality	.66
3.3.	2 Justification of the methodology	67
3.4	Method	.70
3.4.	I Population sampling	70
3.4.	2 Choice of data collection methods	74
3.4.	3 Analysis methodology	86
3.4.	4 Ensuring rigour	94
3.5	Procedure	96
3.5.	I Participant sample	96
3.5.	2 Ethical considerations	96
3.5.	3 Data collection	98
3.5.	4 Data analysis	104

3.6 Limitations of the research method	106
3.7 Summary of the research process	107
CHAPTER 4 STUDENT READINESS FOR LEARNING	
PROFESSIONAL ETHICAL PRACTICE	108
4.1 Introduction to the chapter	108
4.2 Introduction to the student participants	109
4.2.1 All student participants	109
4.2.2 Introduction to core group students	110
4.2.3 Conclusion	115
4.3 An exploration of the role of learning readiness factors in student learning of professional ethical practice	115
4.3.1 Review of key concepts in the literature	115
4.3.2 The Defining Issues Test	118
4.3.3 Discussion of the DIT results	120
4.3.4 Emotional Engagement	130
4.3.5 Summary of the key implications of the results	140
CHAPTER 5 EFFECTIVENESS OF STUDENT LEARNING IN	
PROFESSIONAL ETHICAL PRACTICE	141
5.1 Introduction	141
5.2 Student competency in professional ethical practice	141
5.2.1 Review of key concepts in the literature	141
5.2.2 Key curriculum inputs	142
5.2.3 Student mastery of professional ethical practice	146
5.3 Students' own descriptions of personal and professional influences on their	
learning of professional ethical practice	163

5.4 Summary172
CHAPTER 6 EDUCATOR PARTICIPANTS
6.1 Introduction174
6.1.1 Introduction to the chapter174
6.1.2 Ethical practice as a foundation competency for graduating speech pathology students175
6.2 Academic Educator Participants176
6.2.1 Introduction to the academic educator participants
6.2.2 Teaching ethical knowledge base
6.2.3 Teaching ethical practice skills
6.2.4 Teaching ethical attitudes
6.2.5 Role of assessment
6.2.6 Teaching strategies employed
6.3 Field Educator Participants187
6.3.1 Introduction to the field educator participants
6.3.2 Ethical teaching moments during the practicum
6.3.3 Field educators' assessment of the students' resources
6.3.4 Teaching strategies used by field educators
6.3.5 What do educators say about learning professional ethical practice?200
6.3.6 Conclusions
CHAPTER 7 SUMMARY, CONCLUSIONS AND IMPLICATIONS206
7.1 Introduction206
7.2 Thesis summary206
7.2.1 How the literature provides insights into the teaching and learning principles related to ethical practice

7.2.2 Understanding the research process	208
7.2.3 Factors influencing student readiness to learn ethical practice	208
7.2.4 Effectiveness of student learning	208
7.2.5 Educator's contributions to student learning	210
7.3 Conclusion	211
7.4 Implications and solutions	212
APPENDICES	215
REFERENCES	237

LIST OF TABLES

Table 1	Key Curriculum Goals in Ethical Practice
Table 2	Kohlberg's six stages of moral reasoning development30
Table 3.	Adult Learning Behaviours
	Guide for student consideration of ethical dimensions of clinical Reasoning
Table 6	Criteria for classifying student responses in relation to the recognition and prioritisation of ethical dilemmas
Table 7	Criteria for classifying student responses in relation to communication processes
Table 8	Criteria for classifying student responses in relation to the provision of management plans
Table 9	Summary of data sources
Table 10	Summary of the narrative analysis framework
Table 11	Moral judgement stage used by students on the DIT119
Table 12	Students' ability to recognise and identify relevant clinical information
Table 13	Evidence of students' ability to recognise and prioritise ethical issues
Table 14	Students' use of communication and teamwork skills
Table 15	Evidence of students' ability to provide a management plan160
Table 16	Attitudes and values discussed by the core group of students as being important to ethical practice

TABLE OF FIGURES

Figure 1	Focus group	questioning	strategy	71
----------	-------------	-------------	----------	----

LIST OF APPENDICES

Appendix 1	Defining Issues Test Sample Questions
Appendix 2a	Written Case Discussion
Appendix 2b	Guided Case Discussion
Appendix 2c	Scoring Guide for Case Discussion
Appendix 2d	Scoring Guide for Written Case Discussion
Appendix 3	Group Dilemma Discussion
Appendix 4	Influences on ethical development
	Focus Group Discussion Guide
Appendix 5	Influence of process on ethical decision making
	Student Interview Guide
Appendix 6	Academic Educators Interview Guide
Appendix 7	Field Educators Interview Guide
Appendix 8a	Student volunteer information sheet
Appendix 8b	Educator volunteer information sheet
Appendix 9a	Consent to participate in research (Student Form)231
Appendix 9b	Consent to participate in research (Academic Educator Form)232
Appendix 9c	Consent to participate in research (Field Educator Form)233

Appendix 10	Narrative Analysis Framework	234
Appendix 11	Distribution of student scores on the DIT	235
Appendix 12	Examples of Atlas TI. Student codes	236

ABSTRACT

An ethics curriculum is an integral part of most health profession courses. This thesis will explore using a qualitative approach to investigate the learning and application of professional ethical practice by Flinders University speech pathology students. This work will identify factors that may influence students' readiness to learn about ethics. The knowledge, skills and attitudes that underpin professional ethical practice which speech pathology students were able to demonstrate at the conclusion of their entry level course will be illustrated. Also described will be the factors, identified by students and academics and field educators, which may influence student learning of this complex area of practice.

To explore this topic, the results of "The Defining Issues Test" (Rest, 1979b) of moral judgement development, independent and scaffolded case studies, as well as group and individual interviews with students, and individual interviews with academic and field educators have been used.

Results from this study suggest that a significant number of the undergraduate speech pathology students involved in this study found learning and applying ethical principles difficult, as their ability to reason morally remained conventional and rule bound. At the point of graduation, the students applied clinical and ethical reasoning skills, whilst emerging, were not yet well developed. The ability of students to demonstrate the integration of ethical theory and practice appeared limited. This lack of integration may be influenced by the fact that few field educators could report being exposed to formal ethical theories and ethical reasoning approaches during their own undergraduate education. Some of the more generic ethical practice skills reported by academics as being embedded throughout the speech pathology course,

such as communication, team work and the seeking of professional support, were more clearly demonstrated by students.

Results of this study suggest that exiting students and newly graduated speech pathologists require ongoing support in the area of professional ethical practice.

More explicit embedding of the theoretical underpinnings of the ethics knowledge base throughout the curriculum may be required. To be able to support the integration of professional ethical practice in students and new graduates, speech pathologists currently practising in the field who did not receive formal ethics education during their own degree or since, may require ongoing professional development in the formal knowledge base pertaining to professional ethical practice.

DECLARATION

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

HELEN SMITH

February, 2007

ACKNOWLEDGEMENTS

This thesis would never have been conceived or completed without the contributions of many people. The learning goals I set for myself at the beginning of this project were achieved but not through my work alone. My gratitude is extended to the following people:

Firstly the many students with whom I have worked as an educator over many years and from whom I have learnt much. Their learning challenges provided the catalyst that inspired me to continue my own journey in formal education.

My primary supervisor, Dr Paul McCormack, Department of Speech Pathology and Audiology, Flinders University, South Australia who has remained enthusiastic; interested in and engaged with this project from its very conception. Paul, your loyalty at remaining there through the very long haul has truly helped me to the finishing line. More importantly, your thoughtful contemplation and difficult questions stimulated my thinking and learning from beginning to end. Your personal support for me as a student exemplifies an ethical educator.

My second supervisor Dr Ingrid Scholten, Department of Speech Pathology and Audiology, Flinders University, South Australia who made me consider qualitative research in the first place and whose insights at the end were greatly valued.

Dr Annette Braunack-Mayer, Lecturer in the Department of Public Health, University of Adelaide who provided invaluable assistance in finding a path through the myriad of data to create a story worth telling.

Flinders University Staff Development and Training Unit staff, particularly Hugh Kearns and Maria Gardiner, who equipped me with the skills to complete this higher degree project.

The management (Heather Baron and Jacqui Beatty) and staff of the Speech Pathology Department, Royal Adelaide Hospital whose support enabled me to access both paid and unpaid time over several years to work on this study and whose interest kept me on task.

To my current work colleagues at The Queen Elizabeth Hospital whose flexibility, patience and practical support in the last mad six months allowed me to reach the submission deadline.

My mother, who demonstrated in my youth, that study and work were both possible and enjoyable. My family particularly my father, who provided constant encouragement and a absolute belief that I could do the task I had undertaken.

My friends (Trish O'Connor, BJ Gray, Chris Barry, Beth Prior, Lucy Graham, Felicity Johnson, Rebecca Purling and Mark Polkinghorne) who; motivated me; provided many meals and places of retreat in which to focus on study; asked questions and provided opportunities for discussion about my work; tutored me; provided editing services and above all provided the necessary emotional support to see me through.

Last but not least I would like to thank the many participants in this study; students and in particular the core group students; academic and field educators. It is through your time, honesty and willingness to engage with me in this project that I had something to say.

However, I also wish to acknowledge that, despite the above mentioned support and advice, the opinions expressed in this work are uniquely my own as are any errors.