Copyright is owned by the Author of the thesis. Permission is given for a copy to be downloaded by an individual for the purpose of research and private study only. The thesis may not be reproduced elsewhere without the permission of the Author.

# The role of career development in relation to the developmental contextual position of young people in New Zealand

Considerations for Policy Development and Career Services in New Zealand Secondary Schools

Thesis presented in partial fulfilment of the requirements for the degree of Doctor of Philosophy in Education.

Diana J. McIntyre

Massey University Palmerston North New Zealand

1998

#### **Abstract**

This is a study of young peoples' career development needs and awareness and the relationship to personal development at the interface of school provision and wider economic, political and educational change that impinge on those relationships. It is theoretically embedded within the developmental contextual position of adolescent development, but much of the study is concerned with generating a comprehensive data base to inform policy development and practice considerations in careers assistance in New Zealand secondary schools.

It begins, therefore, with an overview of the analytical framework of developmental contextualism, and goes on to explore more fully the dimensions presumed to be operating in relation to the career development of New Zealand youth. In doing so, it contributes a multidisciplinarian perspective, the essence of which it is argued, is an integral and necessary consideration in the provision of a developmentally appropriate and socially accountable approach to careers services in secondary schools.

An examination of senior secondary school students' career development characteristics and experiences to which schools are in a position to respond forms the central empirical study of the latter part of this thesis. School careers staff, parents' and students' believed that schools were important environments for young people's career exploration and development and that an integrated, comprehensive careers service was an acceptable responsibility of secondary schooling. The careers information bases in schools were considered to be well resourced. Other dimensions, including career education, career advice and career counselling were nominated the most crucial areas needed for improvement.

Limited opportunity for professional development and training in careers work was considered by staff to be the greatest barrier toward the provision of developmentally appropriate careers assistance. Other barriers included limited time allocation for careers work, low status in the school and unclear specifications regarding the role of careers staff and career services.

Parents did not feel adequately informed about the nature and role of careers assistance in schools and this was considered a hindrance toward constructive involvement with their childrens career development.

For the majority of students concern around career-related issues represented the source of considerable anxiety in their life. Careers assistance was highly valued by these young people, with most expressing concern about access to good quality careers advice and careers counselling. Limited access to specialised assistance at the personal level was reflected by students' self reports on measures of career development and personal coping resources. Generally, the young people reported that they had not engaged adequately in appropriate career planning activities; had few 'useful' career exploration experiences; possessed insufficient knowledge about the nature and requirements of the world of work or occupations; and were not particularly knowledgeable about what to consider in making career-related (including education, training and work) decisions.

Statistically significant relationships were found between scores on indices of career development and scores on a measure of how students coped with career-related concerns. While most young people approached career problems constructively, those students who were less likely to have engaged in useful planning and exploration and who had limited knowledge of the world of work generally were more likely to approach career development concerns non-productively, such as worrying about what might happen or closing oneself off from the problem.

Perhaps the most salient theme to emerge in this thesis is the conviction that the career development of young people is a social as well as a personal process. Both the individual and society have much to gain from the young person's capacity for realism and purpose concerning school and post-school pathways and ultimately in the possession of a beginning repertoire of personal resources to manage career transitions in future journeys during their adult years. Ultimately, the complex interaction of individuals and society in relation to career pathways demand school-based career services which are clearly defined in policy, operationalised in official documentation, adequately resourced in relation to personnel and training and properly integrated alongside existing school practices.

#### Acknowledgments

We live in challenging and inspiring times of change, many aspects of which are documented in this thesis. The process of writing about these issues has underlined for me the inseparability of human development and the developing context and how important it is to take seriously the irreducibility of human experience, not only in science, but also in policy and practice.

My deepest appreciation and admiration go to my supervisors, Gary Hermansson and Sue Webb, both of whom provided unlimited kindness and patience when it all mattered the most. I am especially appreciative of their encouragement, expertise, and overwhelming confidence in my work and for helping me to tame my creative surges without breaking my spirit.

Many other people have offered their friendship and generosity. I would not have been able to write this thesis and keep up with 'life' if it had not been for the unfailing support, integrity and grounding of Joan Daniels. Special mention is due to Doris Cuthell for her belief in the value of this work and encouragement in appreciating the need for quality career services. Doris has provided much inspiration and guidance as our paths have crossed and recrossed at various points during the past six years. I would like to give special thanks to Gaylene Holmes also for sharing her passion for careers work. I have had endless fascinating discussions about the nature and potential of career development with Gaylene, and have learned much from her loyalty and understanding of the career counselling profession.

Special thanks must go to the staff, senior students and parents of Wanganui High School and Wanganui City College during 1994-1996 for sharing their school and life experiences. They not only made my research possible, but also offered a valuable and personally enriching experience. I learned enormously from them. I particularly appreciated the support and kindness of Joseph Driessen (WHS) and Bob Wilson (WCC) whose assistance throughout the research in the schools was highly valued and much appreciated.

#### Contents

Part 1: Introduction	Page
CHAPTER 1: Overview	
1.1 Introduction	
1.1.1 The Conceptual Framework	
1.2 Scope and Objectives	
1.2.1 Objectives of the Thesis	
1.3 Sections of the Thesis	
1.3.1 Part One: Introduction	
1.3.2 Part Two: Ecological Dimensions of Adolescent Career Development in New Zealand (A Conceptual Synthesis)	
1.3.3 Part Three: Adolescent Career Development in the Secondary School Environment (An Empirical Case Study)	
1.3.4 Part Four: Epilogue	
CHAPTER 2: The Developmental-Contextual Approach	1
2.1 Introduction	1
2.2 The Ecological Framework	1
2.2.1 'Interconnectedness'	1
2.2.2 Subjective Meaning of Experience	1
2.2.3 Ecological Transition	1
2.3 Developmental Contextualism	1
Part 2: Ecological Dimensions of Career Development for the	
Adolescent in New Zealand (A Conceptual Synthesis)	1
CHAPTER 3: The Big Picture	2
3.1 Introduction	2
3.2 The New Zealand Economy	4
3.2.1 The Changing Economy	2
3.2.2 Changing Employment Patterns	2
3.2.3 The Nature of Work	2

	3.2.4 Links to Personal Development	26
3.	3 The Nature of the State in New Zealand	27
	3.3.1 Era of the Welfare State	28
	3.3.2 The Role of Government	28
	3.3.3 Emerging New Right Neoclassicism	30
	3.3.4 Changing Expectations of Government	32
3	4 The System of Education and Training in New Zealand	33
	3.4.1 A System Down-Under	33
	3.4.2 Links to the Changing Economy	33
	3.4.3 The 'People' Factor'	35
3.	5 An Era of Reform	37
	3.5.1 Philosophical Considerations	37
	3.5.2 The Picot Report	38
	3.5.3 'Learning for Life'	39
	3.5.4 The New Zealand Qualifications Authority	40
	3.5.5 The National Qualifications Framework	41
	3.5.6 The 'Seamless' Education System	41
	3.5.7 The New Zealand Curriculum Framework	42
	3.5.8 The Role of Careers Assistance in Secondary Schools	43
C	HAPTER 4: Careers Assistance in New Zealand Secondary Schools	45
	4.1 Introduction	45
	4.2 Early Developments	46
	4.3 The Transition Education Experience	49
	4.4 Aspects of Transition Education Practice	59
	4.4.1 The Link Initiative	60
	4.4.2 School-Industry Links	64
	4.5 Recent Developments	69
C	HAPTER 5: The Nature of Adolescence and the Role of Career Development	75
	5.1 Introduction	75
	5.2 The Nature of Adolescent Development	76
	5.2.1 The Quest for Identity	77
	5.2.2 Patterns of Identity Formation and Expression	79

5.2.3 Links to Maturational Changes	
5.2.4 The Role of the Family	
5.2.5 The School Environment	
5.3 Career Development: An Expression of Personal Self-Meaning	
5.4 Career Development during Adolescence	
5.4.1 The Definitional Landscape of Career Development	
5.4.2 Stages of Career Development	
5.4.3 Career Development Challenges	
5.4.4 The Quest for Direction	
5.4.5 The Importance of Exploration	
5.4.6 Career Maturity	
5.4.7 The Role of Family	
5.4.8 The Role of School	
CHAPTER 6: Prelude to the Case Study	
Environment (An Empirical Case Study)	
6.1 Introduction	
6.2 Assumptions, Aims and Research Questions	
6.2.1 Assumptions	
6.2.2 Aims and Research Questions	
0.2.2 Anns and research Questions	
CHAPTER 7: Case Study Methodology	
7.1 Introduction	
7.2 Research Design	
7.3 Participants	
7.3.1 Schools	
7.3.2 Staff	
7.3.3 Students	
7.3.4 Parents	
7.4 Data Collection Techniques	
7.4.1 School Administrative Records and Documentation	

	7.4.2 Privileged Observation or Observer-as-Participant	118
	7.4.3 Semi-Structured Interviews	119
	7.4.4 Focus Group Interviews	122
	7.4.5 Self-Administered Questionnaires	124
	7.4.5.1 Phase One: General Information and Personal Characteristics	124
	7.4.5.1.1 Demographic Characteristics	125
	7.4.5.1.2 School Subject Choices	125
	7.4.5.1.3 Thoughts about Future Work Roles	126
	7.4.5.1.4 Personal Development	126
	7.4.5.2 Phase Two: Career Maturity	128
	7.4.5.2.1 CDI-A Scales	128
	7.4.5.2.2 Occupational Group Preference Form (OGPF)	130
	7.4.5.2.3 Career Planning (CP) Scale	130
	7.4.5.2.4 Career Exploration (CE) Scale	131
	7.4.5.2.5 World of Work Information (WW) Scale	131
	7.4.5.2.6 Career Decision-making (DM) Scale	132
	7.4.5.3 Phase Three: School Career Service Experiences	132
	7.4.6 Note about Methodological Limitations	133
7.	5 Data Collection Process	134
	7.5.1 First Contact and Boundary Setting	135
	7.5.2 Evaluability Assessment	136
	7.5.3 Pilot Testing (Student Surveys)	137
	7.5.4 Student Survey	138
	7.5.5 Focus Group Interviews (Students)	140
	7.5.6 Focus Group Interviews (Parents)	141
7.	6 Analysis of Data	141
	7.6.1 Preliminary Editing	141
	7.6.2 Coding	143
	7.6.3 Data Analysis System	144
	7.6.4 Analysis of Results	144

CHAPTER 8: Results and Discussion	147
8.1 Introduction	147
8.2 Senior Secondary School Students' Career Development Needs	148
8.2.1 School Perceptions	148
8.2.1.3 Philosophy	148
8.2.1.4 Nature and Location of the Schools' Careers Service	149
8.2.2 Parents' Perceptions	152
8.2.3 Career Salience among Students	155
8.2.4 Career Maturity	161
8.3 Links to Personal Development	167
8.3.1 Coping Strategies	167
8.3.2 Relationship to Career Maturity	169
8.4 Experience of Careers Assistance	171
8.4.1 School Perceptions of the Careers Service offered to Senior Students	171
8.4.2 Students' Perceptions of Career Guidance Received	177
8.4.3 Students' Evaluation of the School Careers Service	181
Part 4: Epilogue	107
CHAPTER 9: Summary and Conclusions	187 188
Appendices	203
SECTION A1: Student Survey Questionnaires	204
SECTION A2: Supplementary Results	208
References	218

### Tables

Table		Page
7.1	Form level and gender of participating students	117
8.1	Thoughts about future work options	155
8.2	Relationships among career maturity variables	162
8.3	Structural discriminant function coefficients for each of the career development variables in the separation of students at each form level	164
8.4	Relationship of coping strategies to career maturity, expressed as a correlation coefficient	170

## Figures

Figure	Page
2.1 The ecology of adolescent career development in New Zealand	14
3.1 Macro and exosystem features of adolescent career development in New Zealand	20
4.1 The microsystem characteristics of careers services in New Zealand secondary schools	45
5.1 The microsystem characteristics of adolescent career development and the mesosystem (relationships between personal, family and school) influences	75
6.2 Microsystem (school and adolescent career development) and mesosystem therelationship between the two) foci of the empirical investigation	110
8.1 Occupational field of (most) preferred job	156
8.2 Main concern expressed by students'	158
8.3 Comparison of average scores on indices of career maturity between students at each form level	165
8.4 Average scores on indices of coping across Form levels	168
8.5 Most helpful people-oriented source in making decisions around school subject options and post-school education, training and work options	179
8.6 Most helpful information-based source in making key decisions around school subject options and post-school education, training and work options	180
8.7 Most helpful hands-on source in making key decisions around school subject options and post-school education, training and work options	et 181
8.8 Students' indication of needed improvements in the school career assistance they experienced	182
8.9 Areas of improvement in school career services suggested by students	183

## Appendices

	Page
	204
SECTION A1.1  Career Development Study (Part One): About Myself	204
SECTION A1.2  Career Development Study (Part Two): My Career Development (Changes to the Career Development Inventory- Australia)	205
SECTION A1.3 Career Development Study (Part Three):  My Career Guidance Experience	207
Appendix 2: Supplementary Results	208
A2.1 Basic statistical results on indices of career development and coping styles	208
A2.2 Occupational field of most preferred work option at each Form level	208
A2.3 Main concern expressed at each Form level	209
A2.4 Average scores and degree of variability on indices of career development for each Form level	209
A2.5 Average scores and degree of variability on indices of coping across Form level	210
A2.6 Type of careers assistance received by students in choosing school subjects	210
A2.7 Type of careers assistance received by students in considering jobs or job training	211
A2.8 Type of careers assistance received in considering post-school educati	ion 212
A2.9 Most helpful source of careers assistance when choosing school subje	cts 213
A2.10 Most helpful source of careers assistance when considering job or job training options	214
A2.11 Most helpful source of careers assistance when considering post-school education	215
A2.12 Indication of the need for improvement in school career services	216
A2.13 Suggestions for improvement in school career services	217