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.

# A STUDY OF THE CAREER COMMITMENT, STRESS LEVELS, AND COPING RESOURCES OF MUSICIANS, AND THE INFLUENCE OF PERSONALITY

A thesis in partial fulfilment of the requirements

for the degree

of Master of Arts

in Psychology at Massey University

Sarah T. Langley 1998

### ACKNOWLEDGEMENTS

I would like to take this opportunity to acknowledge the key people that have provided the help, support and inspiration that enabled me to survive my thesis year. Firstly, I would like to express my appreciation for the advice, patient assistance, and supervision provided by Dr. Hillary Bennett throughout the year. Her interest and enthusiasm has been great motivation for me.

I acknowledge my parents, Maureen and Ian, for their continued support throughout my tertiary education. I thank them for both their emotional and financial support, without which I would not be completing my Masters degree. I also would like to express my gratitude to Rachael, John, Tania, and Katrina, who have given me ongoing encouragement and motivation throughout my tertiary education.

I would like to thank Joe, for his constant support and patience throughout this year, and for the continuous encouragement he has provided at times when my motivation was lacking.

My achievements at university could not have happened without Rachel. Rachel has been a pillar of support during these years, and I thank her for this. I attribute my grades and good times to her. Without her support and assistance I would not have achieved what I have today.

I also thank my friends Rhonda and Kelly for their continued support and encouragement during this long year. It is times like these that you learn the true value of friends.

I would like to express my appreciation and gratitude to the management of the Music Education Centre, and Gary Daverne, the Director and Conductor of the Auckland Symphony Orchestra for enabling me to conduct this research. Finally I thank all the musicians who gave up their time to participate in this research.

# TABLE OF CONTENTS

Acknowledgments	ii
Table of Contents	iii
Lists of Tables	v
Abstract	vi
CHAPTER ONE: INTRODUCTION	1
CHAPTER TWO: CAREER COMMITMENT	3
Career Theory: An Overview	3
Work Commitment Theory	4
Career Commitment	6
Career Commitment - Dominant Theoretical Frameworks and Mea	asurement7
Career Commitment Research	10
The Careers and Career Commitment of Musicians	11
Research Questions	13
CHAPTER THREE: STRESS, STRAINS, AND COPING	14
Stress: Theories and Definitions	14
Stress Outcomes	17
Coping: Theories and Definitions.	18
Coping Responses and Outcomes.	20
Mediators and Moderators of the Stress Process	22
Measurement of Stress and Coping	25
Musicians and Stress	26
Musicians and Coping	30
Research Questions	31

CHAPTER FOUR: PERSONALITY	32
Personality Definitions.	32
Trait Theories	33
Historical Development of the 5-Factor Model of Personality Theory	36
Recent Literature Developments	37
Measuring the Big Five	39
Musicians and Personality	40
Research Questions.	42
CHAPTER FIVE: METHODOLOGY	43
Sample	43
Procedure	46
Measures.	47
Analyses	53
CHAPTER SIX: RESULTS	55
Descriptive Statistics.	55
Correlational Analyses	62
Inferential Statistics.	67
Analyses of Variance	68
Multiple Regression.	70
Factor Analysis	71
CHAPTER SEVEN: DISCUSSION	79
Discussion of Results.	
Implications	94
Limitations	95
Recommendations and Directions for Future Research	96
CHAPTER EIGHT: CONCLUSION	99
REFERENCES	101
APPENDICES	117

# LIST OF TABLES

Table I	Participant Ages	.43
Table 2	Gender and Marital Status of Participants	44
Table 3	Music-related Demographic Characteristics of the	
	Sample	.45
Table 4	The Occupational Stress Inventory Subscales	51
Table 5	The Big Five Trait Factors and Illustrative Scales	53
Table 6	The Commitment Scales: Descriptive Statistics	. 56
Table 7	The Occupational Stress Inventory: Descriptive	
	Statistics	. 57
Table 8	Comparison of Reliability Estimates	. 58
Table 9	The NEO PI-R: Descriptive Statistics	.59
Table 10	Means and Standard Deviations Across Role	
	Groups	60
Table 11	Pearson product-moment correlations between Career	
	Commitment, Recreational Commitment, and OSI	
	Dimensions	. 63
Table 12	Pearson product-moment correlations between Career	
	Commitment, Recreational Commitment, and NEO PI-R	
	Dimensions	. 64
Table 13	Pearson product-moment correlations between Career	
	Commitment, Recreational Commitment, and OSI	
	Subscales	. 65
Table 14	Pearson product-moment correlations between the	
	OSI Subscales and the five dimensions of the	
	NEO PI-R	66
Table 15	Career Commitment - The five factors identified	
	through PCA and Varimax rotation procedures	73
Table 16	The Commitment Factors: Descriptive Statistics	74
Table 17	Pearson product-moment correlations between Personal	9
	Costs, Personal Attachment, Personal Meaning and the	
	OSI Subscales and NEO PI-R dimensions	78

## **ABSTRACT**

The present study is an attempt to explore the career commitment, stress, and coping resource issues of musicians, and possible relationships between them. The personality profiles of the musicians are also examined to determine possible interactions with experiences of stress and coping, and career commitment. These areas have not been previously explored within New Zealand, and international research pertaining to the career commitment, stress, coping and personality of musicians is limited. The present study utilised quantitative data, collected through a survey. A questionnaire was distributed to all members of the Auckland Symphony Orchestra and all employees of the Music Education Centre. There were 52 respondents. The questionnaire consisted of three scales, including a commitment scale, the Occupational Stress inventory (OSI), and the NEO PI-R. The participants were grouped according to whether they were a fulltime performer or music teacher, both a teacher and performer, or in one of those groups, but earning their primary income from other work. Results indicated that this sample of musicians were committed to their musical careers. Overall, the musicians did not experience high levels of occupational stress or personal strain, and had good coping resources. It was found that female musicians had significantly greater rational/cognitive coping skills and experienced less vocational strain than did the male musicians. Musicians with a teachers or performers diploma were found to experience significantly less psychological strain than musicians with grade 8. In terms of personality profiles, male musicians were significantly less agreeable and less conscientious than female musicians were, and divorced musicians were found to be significantly more agreeable than single musicians. Individuals with a grade 8 qualification were more neurotic than individuals who have a performers or teachers diploma. The results suggest that this sample of musicians differ from those previously researched in terms of stress, coping, and personality. The key implication of the present study is that analysing musicians in terms of how they structure music into their lives produced the differing results, which given the arguments in the literature, may be more reflective of reality.