## MILLENNIAL MENTAL HEALTH:

# EXAMINING CURRENT APPROACHES AND EXPLORING CHALLENGES TO THE MEASUREMENT AND PROMOTION OF MENTAL HEALTH IN YOUNG AUSTRALIANS

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LIS	ST OF TABLES	V
LIS	ST OF FIGURESV	Ί
LIS	ST OF APPENDICESVI	Ι
KE	Y TO ABBREVIATIONSVII	Ι
AB	STRACT	X
DE	CLARATIONXII	Ι
AC	KNOWLEDGEMENTSX	V
OV	ZERVIEWXVII	Ι
CH	IAPTER ONE: INTRODUCTION AND LITERATURE REVIEW	1
1.1	Preamble	1
1.2	KEY CONCEPTS	2
1.3	GLOBAL AGENDA FOR YOUTH HEALTH	9
1.4	MILLENNIAL MENTAL HEALTH	2
1.5 HEAL	CURRENT APPROACHES TO MEASUREMENT AND CONCEPTUALISATION OF MENTAL I'M IN YOUNG PEOPLE1	
1.6 AMON	CURRENT APPROACHES TO POLICY AND PRACTICE TO MENTAL HEALTH PROMOTION OF YOUTH	
1.7	SUMMARY AND AIMS OF THE THESIS	0
CH	IAPTER TWO: EXEGESIS3	3
2.1	Preamble	3
2.2	THESIS CONTEXT AND POPULATION OF INTEREST	3
2.3	CHOICE OF METHODOLOGY AND RATIONALE FOR MIXED-METHODS APPROACH3	5
2.4	'SCHOOL LEAVER' STUDY WITH EMERGING ADULTS (PAPER ONE)	7
2.5	QUALITATIVE STUDY WITH ADOLESCENTS (PAPER TWO AND PAPER THREE)3	9
2.6	SINGLE SCHOOL STUDY WITH FEMALE ADOLESCENTS (PAPER FOUR)4	9

CH	HAPTER THREE: PAPER ONE	53
3.1	Abstract	56
3.2	Introduction	57
3.3	Метнор	62
3.4	RESULTS	68
3.5	DISCUSSION	73
CH	HAPTER FOUR: PAPER TWO	80
4.1	ABSTRACT	83
4.2	Introduction	84
4.3	Метнор	89
4.4	RESULTS	93
4.5	DISCUSSION	108
4.6	CONCLUSIONS AND PRACTICAL IMPLICATIONS	117
CH	HAPTER FIVE: PAPER THREE	120
5.1	ABSTRACT	123
5.2	Introduction	124
5.3	Метнор	131
5.4	Analysis and Discussion	135
5.5	Conclusions	155
CH	HAPTER SIX: PAPER FOUR	165
6.1	ABSTRACT	168
6.2	Introduction	169
6.3	Метнор	174
6.4	RESULTS	180

6.5	DISCUSSION	184
6.6	Conclusion	192
CI	HAPTER SEVEN: DISCUSSION AND CONCLUSIONS	193
7.1	Overview	193
7.2	ORIGINAL CONTRIBUTIONS	194
7.3	META-INFERENCE AND PRACTICAL IMPLICATIONS	198
7.4	STRENGTHS AND LIMITATIONS	209
7.5	FUTURE DIRECTIONS	214
7.6	FINAL COMMENTS	231
CI	HAPTER EIGHT: REFERENCES	233
CI	HAPTER NINE: APPENDICES	277

# LIST OF TABLES

Table 1. Phases of thematic analysis (Braun & Clarke, 2006)
Table 2. Criteria used to categorise Complete Mental Health State67
Table 3. Measures of mental wellbeing and mental illness
Table 4. Comparison between measures of mental health and mental illness in young
Australians71
Table 5. Participants across school level and approximate ages for year levels in Australia
91
Table 6. Categories and themes related to help-seeking behaviour among adolescents .136
Table 7. Breakdown of participants across school year levels
Table 8. Means and standard deviations for knowledge about mental health scale
(Knowledge Test; Watson et al, 2004).
Table 9. Means and standard deviations for stigmatising attitudes about mental illness
scale (r-AQ, Corrigan et al., 2002, 2003)
Table 10. Mental health knowledge, stigmatising attitudes and correlation coefficients for
Pearson correlations by mental health state (CSM Group)

# LIST OF FIGURES

Figure 1. Schematic diagram of the mixed-methods approach to the current thesis36
Figure 2. Dual continua model (Keyes & Lopez, 2002)66
Figure 3. Adapted dual-continua model using single dimension measures (SWLS and
GHQ) to represent mental health and illness*
Figure 4. Prevalence break-down of CSM states within dichotomous SWLS and GHQ
categories
Figure 5. Adolescents' descriptions of mental health grouped into illness, neutral and
wellbeing themes95

# LIST OF APPENDICES

Appendix 1. Study information sheet and consent form for Paper One	277
Appendix 2. Information sheet and assent form (students), consent form (parents) and	
information sheet (school staff) for qualitative study (Paper Two & Paper Three)	278
Appendix 3. Interview protocol for qualitative study (Paper Two & Paper Three)	284
Appendix 4. Audit trail sheet for qualitative study (Paper Two & Paper Three)	286
Appendix 5. Participant information sheet (name of school removed to maintain	
confidentiality) and consent form (Paper Four)	288
Appendix 6. Ethics approval (all papers) and data licence agreement (Paper One)	291
Appendix 7. Conference poster and oral presentations from the current PhD	300
Appendix 8. Feedback report prepared for MindMatters and school staff	301

### KEY TO ABBREVIATIONS

ABS Australian Bureau of Statistics

ACT Acceptance and Commitment Therapy

ARC Australian Research Council

CBT Cognitive Behavioural Therapy

CESD Center for Epidemiological Studies

CSM The Complete State Model of Mental Health

DASS-21 The Depression Anxiety Stress Scale

DECD The Department of Education and Child Development

DoHA Australian Department of Health and Aging

DSM-5 Diagnostic and Statistical Manual of Mental Disorders – Fifth Edition

F Female

GHQ The General Health Questionnaire

HBM Health Belief Model

HPS Health-Promoting Schools

HREC The University of Adelaide Human Research Ethics Committee

KT The Knowledge Test

LGBTI Lesbian, Gay, Bisexual, Transgender and/or Intersex People

M Male

MHP Mental Health Promotion

N Total Number in Sample

PWBS The Psychological Well-being Scale

r-AQ The Revised Attribution Questionnaire

SD Standard Deviation

SES Socio-economic Status

SWBS The Social Well-being Scale

SWLS The Satisfaction With Life Scale

TPB Theory of Planned Behaviour

WHO World Health Organization

YEP Youth Empowerment Process

### **ABSTRACT**

Millennials, the current generation of young people (born 1982-2004), now comprise more than a quarter of the world's population – the largest proportion in history. Mental disorders are a key cause of disease burden among young people (aged 12-24 years) who face unique challenges to building and maintaining mental health. Good mental health in adolescence decreases the likelihood of developing mental health problems across the lifespan, but young people are the least likely group to seek help and receive treatment for mental disorders compared to older populations. With this in mind, and knowing that lack of mental disorders does not necessarily equate to good mental health, the present thesis sought to investigate current approaches and explore new challenges to the measurement and promotion of mental health in young people, encompassing children, adolescents and young adults.

Paper One reports a preliminary exploration into the differences between three measurement approaches to mental health and illness in an Australian sample of emerging adults (aged 23-27 years; N=117): an exclusive mental illness approach, an exclusive mental wellbeing approach and a dual continua approach. The results illustrated discrepancies between the three approaches, which resulted in vastly different depictions of the collective mental health of a group of young people. A significant proportion of cases fell outside of a single dimension model, and moderate mental health categories were identified as a challenge to gaining a comprehensive and informative picture of groups of emerging adults when using single dimension measures, suggesting that adopting a dual continua approach to measurement can provide a more comprehensive picture of mental health.

Paper Two reports the results of a cross-sectional, qualitative study aimed to explore how a non-clinical sample of adolescents (aged 12-18 years; N=16) speak about mental health and illness and to gain insight into their perceptions and experiences. When discussing mental health concepts and appropriate behaviours towards sufferers of mental illness, adolescents conveyed a sense of acceptance and understanding of the potential complexity and severity of mental illness. In contrast, when discussing mental health in the context of their own lives, a stronger sense of scepticism was conveyed. Students expressed difficulty with the lack of visible markers of mental health and confusion determining authenticity in the mental health states conveyed by their peers. Interestingly, adolescents commonly expressed the notion that young people may exaggerate or 'fake' a mental illness for personal gain.

Paper Three involved further analysis of the same sample to explore the topic of help-seeking for mental health specifically from the perspectives of young people. Findings highlighted that even among a non-clinical sample of adolescents who had participated in a school mental health promotion program, there was a strong reluctance to seek help due to complex and interrelated personal, social and institutional influences. Students conveyed that they would strongly avoid seeking help for their mental health, referencing themes including self-reliance, positive thinking, doubt about significance of problems, peer acceptance, burdening others, informal help-seeking, concerns about confidentiality and negative perceptions of mental health services and professionals. Students spoke about the concept of "first world problems", and described their personal problems as minor or trivial in comparison to large-scale or global issues.

Paper Four reports the results of a cross-sectional quantitative study utilising survey methodology to test the traditional assumption that knowledge influences behaviour by exploring whether knowledge about mental illness was related to stigmatising attitudes towards mental illness and intentions to seek help, within a sample (aged 13-17 years; N=327) of adolescent girls. Results indicated that a weak negative relationship existed between knowledge about mental health and stigmatising attitudes about mental illness, but no relationship between knowledge about mental health and intentions to seek help for mental health problems was found. When mental health was categorised (e.g., optimal vs. poorer mental health), a significant relationship between knowledge about, and attitudes toward, mental health was shown in those with poor mental health, but not for adolescents categorised as having moderate or good mental health.

The series of studies presented in this thesis add to understandings of youth mental health knowledge, attitudes and behaviour in Australia. Practical implications include the usefulness of conceptualisation that includes both positive and negative aspects of mental health, the need to consider adolescent mental health within the broader sociocultural context, the potential for a knowledge-behaviour gap related to mental health among young people and insights about mental health in the context of Millennials (and subsequent generations) as "digital natives". The results draw attention to several key areas of focus for future research, policy and practice to explore, including the predictive power of mental health states according to a dual continua model, further consideration of current practice (including universal programs and individual approaches applied to populations), reshaping the role of education in mental health promotion and broadening focus to include a socioecological model of mental health emphasising community and interconnectedness, while prioritising youth participatory approaches. Taken together, the

four journal articles (1 published, 1 accepted with minor revisions, 2 submitted) that make up this PhD thesis draw attention to the complexity of youth mental health, including aspects that are salient to young people, within a developmental and social context.

### **DECLARATION**

I, Emmelin Teng, certify that this work contains no material which has been accepted for the award of any other degree or diploma in my name, in any university or other tertiary institution and, to the best of my knowledge and belief, contains no material previously published or written by another person, except where due reference has been made in the text. In addition, I certify that no part of this work will, in the future, be used in a submission in my name, for any other degree or diploma in any university or other tertiary institution without the prior approval of the University of Adelaide and where applicable, any partner institution responsible for the joint-award of this degree.

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MILLENNIAL MENTAL HEALTH

Published work:

Chapter Three: Paper One

Teng, E., Venning., A., Winefield, H., & Crabb, S. (2015). Half full or half empty: The

measurement of mental health and mental illness in emerging Australian adults. Social

*Inquiry into Well-being*, 1, 1-12. doi: 10.13165/SIIW-15-1-1-01.

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Signed:

Date: 25/11/2016

xiv

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### **OVERVIEW**

### Outline of thesis

This thesis sought to investigate the mental health of young Australians in order to contribute to future development of mental health promotion initiatives. In this thesis, the term young person encompasses children, adolescents and young adults. More specifically, this thesis aimed to examine current approaches to mental health measurement and promotion in young people, with the aim of uncovering factors that are salient to young people in the 21<sup>st</sup> century. *Chapter One* of the thesis provides an introduction to the field of youth mental health and a review of the current literature. *Chapter Two* provides an exegesis, which aims to contextualise the research and present a rationale for the decisions made throughout the research process. *Chapters Three, Four, Five and Six* contain the four independent but related journal articles that address the overarching aim of this thesis. *Chapter Seven* provides a critical discussion of the research findings, their implications for approaches to youth mental health, future directions and a concluding statement. References and appendices used throughout this research are presented in *Chapter Eight* and *Chapter Nine*.

### Outline of candidature

The current thesis was undertaken to fulfil the requirements of the degree of Combined Doctor of Philosophy / Master of Psychology (Clinical) undertaken at the University of Adelaide, South Australia. This program combines a Master of Psychology (Clinical) course load (equivalent to two years of full time study), and a Doctor of Philosophy research program (equivalent to three years of full time study) into one program (equivalent to four years of full time study), and specifies that the research must adopt a clinical psychology focus. The four papers from this work, along with nine Masters subjects and three clinical placements (a total of 1359.5 placement hours) were completed within this period of study. A total of \$4400 in funding was received over and above the standard support provided to Doctor of Philosophy students from the School of Psychology, including a publication incentive award and funding for conference travel. All subject and practical requirements of the Master of Psychology (Clinical) program have been fulfilled. The following thesis is submitted for the requirements of the Doctor of Philosophy program.