The Ability of Gender to Challenge:
Queensland Senior Physical Education

Thesis submitted by

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in the School of Education
James Cook University
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Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

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Acknowledgements

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Publications


Pending Publications

Abstract

Previous research in physical education has historically focussed on the gender issues of single-sex and coeducation, however discussion on alternate groupings of students, is not as significantly discussed. Ability is a factor that has also been infrequently dealt with in this examination. This doctoral research explored from the students’ perspectives, the class habitus of single-sex and coeducational Senior Physical Education classes in three North Queensland regional Catholic High schools. This research considered the factor of ability in single-sex and coeducation practical physical education learning environments, and the homogeneous groupings of single-sex schooling alongside a coeducation setting. It did this by examining the relationship of the themes of ability, challenge and gender, which were identified and incorporated into the study’s multidimensional methodological framework using the dimensions of Ability, Individual and Environment. It was hypothesised that gender, ability and the learning environment could affect an individual’s experiences, perceptions and sense of level of challenge experienced within the physical education environment.

Participants were (N) 117, n = 78 male and n = 39 female, year 11 students enrolled in an elective Queensland Senior Physical Education subject. A case study method was utilised allowing for the triangulation of the qualitative and quantitative data. Quantitative instruments were trialled in a Pilot study and found appropriate for use in the case study methodology. Qualitative and quantitative data were collected over the duration of a study unit which involved an interceptive, team, ball physical activity. Data collection techniques employed were those of survey, observation and interview.

The data analysis revealed that ability was a significant factor in Senior Physical Education learning environments. However, the findings of this research did not reveal gender as a significant factor in the same learning environments. Student perceptions of issues of ability, challenge and equity in the class habitus were both quantitatively and qualitatively linked to ability. Implications of the preliminary findings of this research for grouping students in Senior Physical Education classes indicate issues of equity relating to grouping students based upon ability and gender with the recommendation that further research be undertaken to examine such issues.
# Table of Contents

- Statement of Access  ii
- Statement of Sources  iii
- Acknowledgements  iv
- Publications and Pending Publications  v
- Abstract  vi
- Chapter Contents  viii
- Abbreviations  xi
- List of Figures and Tables  xii
Chapter Contents

Chapter 1  Researching Ability, Gender and Challenge in Physical Education

1.0 Introducing Ability, Gender and Challenge  1
1.1 Background to Ability, Gender and Challenge Research  1
1.2 A Significantly Rational Study  3
1.3 Questioning Ability, Gender and Challenge  4
1.4 Methodological Framework of Student Differentiation  5
1.5 Limiting and Delimiting Factors  9
1.6 Defining Words  11
1.7 Thesis Overview  13

Chapter 2  Education, Sport, Gender, Ability and Equity

2.0 The Issue of Gender, Ability and Physical Education  15
2.1 The Development of Education in Queensland  16
2.2 The Emergence of the Australian Sporting Culture  20
  2.2.0 Gender constructions in sport and physical education  24
  2.2.1 Physiological gender differences  27
  2.2.2 Gender comparison of performance  29
2.3 Ability  32
  2.3.0 Challenge and competition  35
  2.3.1 Ability and self-perception in physical education  38
  2.3.2 Educational environment and self-concept  41
  2.3.3 Ability, gender and curriculum  42
2.4 The Physical Education Environment  46
  2.4.0 Gender and grouping  47
  2.4.1 Differences in variables, focus and curriculum areas  49
  2.4.2 Ability and grouping  52
  2.4.3 Grouping and physical education  54
2.5 A Matter of Equity  56
2.6 Emerging Issues and Inquiries  59
Chapter 3  Pilot Study

3.0 Introducing the Pilot Study  62
   3.0.0 The participants  62
   3.0.1 The process  63
3.1 Physical Self-Perception Profile  64
   3.1.0 The resulting analysis  65
3.2 Student Perceptions of the Practical Physical Education Class Environment  68
   3.2.0 Developing the SPPPECE  69
      3.2.1 The analysed result  70
3.3 Pilot Study Concluded  74

Chapter 4  Stating the Case

4.0 The Case in Study  75
4.1 Research Methodology  75
   4.1.0 Consenting participation  77
4.2 Procedure of the Research  78
   4.2.0 Instrumental data collection  79
      4.2.1 Instrument administration  80
   4.2.2 Analysing the cases  80
4.3 Valid and Reliable  82
4.4 Considering the Ethics and Politics  83
4.5 Case in Summary  83

Chapter 5  Habitus Revealed

5.0 Exploring the Habitus  85
5.1 The Girls’ School: Producing Ladies  85
   5.1.0 A ladies’ habitus: SG-1  88
5.2 The Boys’ School: Developing Leaders  105
   5.2.0 A habitus leader: SB-1  107
   5.2.1 Leading a habitus: SB-2  118
5.3 The Coed School: Natural Socialisation  126
   5.3.0 Socialising a habitus: Co-1  129
   5.3.1 Another social habitus: Co-2  141
Chapter 6  Habitual Similarities and Differences

6.0 Comparing the Different Similarities  154
6.1 Demographically Speaking  154
6.2 Questioning Gender  156
6.3 Focusing on Ability  158
6.4 Developing Challenge  160
6.5 Equitable Provision  162
6.6 Teacher Influence  163
6.7 Comparative Habitus  163

Chapter 7  Concluding Ability and Implying Challenge

7.0 The Challenge of Ability and Gender  165
7.1 Senior Physical Education Habitus Research Summarised  165
7.2 Finding Challenge in Ability  166
7.3 The Implications of Challenging Ability  169
7.4 Challenging Recommendations  170
7.5 Concluding Ability, Gender and Challenge  171

References  173

Appendices

A  James Cook University Ethics Review Committee Approval  187
B  Student Informed Consent Form – Pilot Study  188
C  Parent/Guardian Informed Consent Form – Pilot Study  190
D  Student Perceptions of the Practical Physical Education Class Environment (SPPPECE) Survey Instrument  192
E  SPPPECE Scoring Sheet  194
F  Participant Information Questionnaire  195
G  Participant Observation Pro Forma  199
H  Semi-structured Interview Pro Forma  200
I  The Participants  203
J  Student Informed Consent – Case Study  205
K  Parent/Guardian Informed Consent – Case Study  207
# Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>ACT</td>
<td>Australian Capital Territory</td>
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<tr>
<td>ANOVA</td>
<td>Analysis of Variance</td>
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<tr>
<td>Body</td>
<td>Body Attractiveness (as indicated in regards to the PSPP)</td>
</tr>
<tr>
<td>Boys’ school</td>
<td>The Single-sex Boys’ school</td>
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<tr>
<td>C-PSPP</td>
<td>Children’s Physical Self Perception Profile</td>
</tr>
<tr>
<td>Co-1</td>
<td>The first of two Coed school Senior Physical Education classes</td>
</tr>
<tr>
<td>Co-2</td>
<td>The second of two Coed school Senior Physical Education classes</td>
</tr>
<tr>
<td>Coed school</td>
<td>The Coeducational school</td>
</tr>
<tr>
<td>FFM</td>
<td>Fat Free Mass</td>
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<tr>
<td>GATE</td>
<td>Gifted and Talented Education</td>
</tr>
<tr>
<td>Girls’ school</td>
<td>The Single-sex Girls’ school</td>
</tr>
<tr>
<td>HPE</td>
<td>Health and Physical Education</td>
</tr>
<tr>
<td>MANOVA</td>
<td>Multivariate Analysis of Variance</td>
</tr>
<tr>
<td>NSW</td>
<td>New South Wales</td>
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<tr>
<td>OP</td>
<td>Overall Position</td>
</tr>
<tr>
<td>O₂</td>
<td>Oxygen</td>
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<tr>
<td>PSPP</td>
<td>Physical Self Perception Profile</td>
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<tr>
<td>PSW</td>
<td>Physical Self Worth (as indicated in regards to the PSPP)</td>
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<tr>
<td>QAS</td>
<td>Queensland Academy of Sport</td>
</tr>
<tr>
<td>QSA</td>
<td>Queensland Studies Authority</td>
</tr>
<tr>
<td>SB-1</td>
<td>The first of two Boys’ school Senior Physical Education classes</td>
</tr>
<tr>
<td>SB-2</td>
<td>The second of two Boys’ school Senior Physical Education classes</td>
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<tr>
<td>SG-1</td>
<td>The Girls’ school Senior Physical Education class</td>
</tr>
<tr>
<td>SPOCQ</td>
<td>Student Perceptions of Classroom Quality</td>
</tr>
<tr>
<td>Sport</td>
<td>Sport Competence (as indicated in regards to the PSPP)</td>
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<tr>
<td>SPPPECE</td>
<td>Student Perceptions of the Practical Physical Education Environment</td>
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<tr>
<td>SPSS</td>
<td>Statistical Package for the Social Sciences</td>
</tr>
<tr>
<td>SSEPP</td>
<td>Single-sex Education Pilot Project</td>
</tr>
<tr>
<td>Strength</td>
<td>Physical Strength (as indicated in regards to the PSPP)</td>
</tr>
<tr>
<td>UK</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>US</td>
<td>United States</td>
</tr>
<tr>
<td>VET</td>
<td>Vocational, Education and Training</td>
</tr>
</tbody>
</table>
List of Figures and Tables

Figure 1  Multidimensional Framework of Student Differentiation  6

Table 1  Female and male PSPP item and subscale means and standard deviations  65

Table 2  PSPP subscale means and standard deviations  66

Table 3  Combined Pilot study and Case study female and male PSPP item and subscale means and standard deviations  67

Table 4  Combined Pilot study and Case study PSPP subscale means and standard deviations  68

Table 5  SPPPECE reliability statistics  70

Table 6  SPPPECE standard deviations and Cronbach’s Alpha if Item Deleted  71

Table 7  Initial items removed from SPPPECE instrument  72

Table 8  Items removed from SPPPECE instrument using Corrected Item-total Correlation  73

Table 9  Girls’ school PSPP subscale means  90

Table 10  SG-1 SPPPECE construct total means  92

Table 11  SB-1 participant perception of sporting level  189

Table 12  SB-1 PSPP subscale means  109

Table 13  Coed school HPE subject selection  127
Table 14  Co-1 gender comparison of PSPP subscale means 131

Table 15  Co-2 gender comparison of participant perception of sporting level 141

Table 16  Co-2 gender comparison of PSPP subscale means 142

Table 17  Student Participation in Junior HPE 154

Table 18  Participant perception of sporting level 155

Table 19  Participant perception of being competitive or non-competitive 155

Table 20  Gender comparison of participant competitiveness 156

Table 21  Gender comparison of participant perception of sporting level 157

Table 22  Gender comparison of PSPP subscale means 159

Table 23  Ability regression with equity, challenge, gender and class as predictors 160

Table 24  Challenge regression with ability, equity, gender and class as predictors 161

Table 25  Equity regression with ability, challenge, gender, class and school as predictors 162