

**A sport management programme for educator training
in accordance with the diverse needs of South african
schools**

JJ VOSLOO

Student No: 21824606

BCOM, PGHED, BCOMHons, MCOM

Thesis submitted for the degree Doctor of Philosophy in
Movement Education at the Potchefstroom Campus of the North-
West University

Promoter: Dr HJ van Vuuren

May 2014

DECLARATION

I declare ***“A Sport management programme for educator training in accordance with the diverse needs of South African schools”*** to be my own work, that all references and sources used or quoted have indicated and acknowledged by means of a complete bibliography, and that this thesis was not previously submitted by me or any other person for degree purposes at this or any other university.

JOHANNES JACQUES VOSLOO

OCTOBER 2013

ABSTRACT

In school sport the professionalisation of sport has reached the domain of school sport as a grassroots incubator for sporting talent and for providing positive experiences that might lead to lifelong engagement in physical activity. This has inevitably led to the development of specialised human resources required to manage school sport. In the South African context, despite the existence of a variety of sport management programmes, there is a need for continuously updated and adapted programmes to address the needs and demands of the market and workplace. To cope with the increased complexities surrounding school sport and the management thereof, a distinct body of knowledge and skills needs to be developed (Quatman & Chelladurai, 2008a:651) for the management of school sport. Concern over the lack of common knowledge, as well as a pertinent sport management programme for educator training to prepare educators for the diverse contemporary requirements and needs regarding the management of school sport, has resulted in current and prospective educators not necessarily meeting the needs or expectations of the industry in a diversity of South African schools to manage school sport. As a result there appears to be a gap between current sport management programmes' outcomes at Higher Education Institutions (HEIs)¹ in South Africa and the expected competencies of school sport managers. A need thus exists to have a sport management programme in place for educator training in accordance with the diverse needs of South African schools.

Based on the preceding, the problem of identifying the needs and competencies of school sport managers required for the sport management training of educators according to the diverse context of South African schools is seen as the central point in this study. In coherence with the problem statement and the stated research questions, the purpose of this research was to determine the needs and competencies of school sport managers in order to develop a sport management programme for educator training according to the diverse needs of schools in South Africa. In order to achieve this, based on the problem statement, it was necessary to:

- Determine the context of school sport within the education system;
- Describe and delineate the current role of the school sport manager within the education system;
- To analyse international and national sport management training programmes as part of educator training;
- Determine the needs and competencies required by educators to manage school sport effectively according to the diverse needs of South African schools; and

¹ Cf. List of Acronyms

- Develop a sport management training programme for school sport managers according to the diverse needs of South African schools.

To be able to develop a sport management programme for educator training, it was necessary to develop a related instrument that was content and context specific. Contextual, descriptive and explorative qualitative research was undertaken by means of a semi-structured interview. After the sport management competencies and needs were identified, a questionnaire (quantitative research), based on the qualitative research and the literature study in Chapters Two, Three and Four was compiled as part of the mixed-methods research design. To make a sound judgement of content and context specific sport management programmes for educator training, an occupation analysis of the identified school sport management competencies and a needs analysis of specific needs required to manage school sport was undertaken by means of a structured questionnaire. Once the competencies and needs required to manage school sport were defined, programme development principles were applied to develop a sport management programme for educator training in accordance with the diverse needs of South African schools.

Conclusions drawn from the above-mentioned research include that the school sport management environment is exceptionally varied, politicised and complex. Another conclusion was that competencies required by the school sport manager can be divided into **core, functional and specialist competencies**, indicating a range of competencies necessary to equip and enable the school sport manager to manage school sport successfully. This phenomenon cannot merely be ignored by HEIs² when a content and context-specific market and needs-driven sport management programme for educator training in a diversity of South African schools is developed. It is therefore recommended that a school sport management programme be tailored to the content and context-specific needs of society and school sport managers. In the light of the preceding and a continuously changing education landscape in South Africa, it is necessary that the developed sport management programme and related guidelines for a sport management programme for initial educator training in accordance with the diverse needs of South African schools should continuously be supplemented and adapted in a dynamic school sport environment.

Keywords: educator, schools, sport, education, school sport, sport and sport related activities, school sport manager, competencies, sport management programme, diversity, diverse needs.

² Cf. List of Acronyms

ABSTRAK

In skolesport het die professionalisering van sport die domein van skolesport bereik as 'n voetsoolvlak-inkubator vir sporttalent en vir die verskaffing van positiewe ervarings wat kan lei tot lewenslange betrokkenheid by fisiese aktiwiteite. Dit het onvermydelik gelei tot die ontwikkeling van gespesialiseerde menslike hulpbronne wat benodig word vir die bestuur van skolesport. In die Suid-Afrikaanse konteks is daar – ten spyte van 'n verskeidenheid sportbestuursprogramme – steeds 'n behoefte aan programme wat deurlopend bygewerk en aangepas word om die behoeftes en eise van die mark en werkplek die hoof te bied. Vir die hantering van die toenemende kompleksiteite rondom skolesport en die bestuur daarvan moet 'n afsonderlike korpus van kennis en vaardighede ontwikkel word (Quatman & Chelladurai, 2008a:651) vir die bestuur van skolesport. Kommer oor die gebrek aan algemene kennis en 'n pertinente sportbestuursprogram vir opvoederopleiding om opvoeders voor te berei vir die diverse hedendaagse vereistes en behoeftes met betrekking tot die bestuur van skolesport het daartoe gelei dat huidige en voornemende opvoeders in 'n verskeidenheid Suid-Afrikaanse skole nie noodwendig aan die behoeftes of verwagtinge van die bedryf voldoen om skolesport te bestuur nie. Gevolglik is daar oënskynlik 'n gaping tussen huidige sportbestuursprogramme se uitkomstes by Hoëronderrwysinstansies (HOI's)³ in Suid-Afrika en die verwagte bevoegdhede van skolesportbestuurders. Daar bestaan dus 'n behoefte om 'n sportbestuursprogram in plek te hê vir opvoederopleiding ooreenkomstig die uiteenlopende behoeftes van Suid-Afrikaanse skole.

Die probleem rondom die identifisering van die behoeftes en bevoegdhede van skolesportbestuurders wat benodig word vir die sportbestuursopleiding van opvoeders ooreenkomstig die diverse konteks van Suid-Afrikaanse skole word as die sentrale punt van hierdie studie beskou. In samehang met die probleemstelling en die gestelde navorsingsvrae was die doel van hierdie navorsing om die behoeftes en bevoegdhede van skolesportbestuurders te bepaal ten einde 'n sportbestuursprogram vir opvoederopleiding te ontwikkel ooreenkomstig die diverse behoeftes van skole in Suid-Afrika. Om dit te bereik, met verwysing na die probleemstelling, was dit nodig:

- om die konteks van skolesport binne die opvoedkundige stelsel te bepaal;
- om die huidige rol van die skolesportbestuurder binne die opvoedkundige stelsel te beskryf en af te baken;
- om internasionale en nasionale sportbestuursopleidingsprogramme te ontleed as deel van opvoederopleiding;

³ Cf. List of Acronyms

- om te bepaal watter behoeftes en bevoegdhede vereis word vir opvoeders om skolesport doeltreffend te bestuur ooreenkomstig die uiteenlopende behoeftes van Suid-Afrikaanse skole; en
- om 'n sportbestuursopleidingsprogram vir skolesportbestuurders te ontwikkel ooreenkomstig die uiteenlopende behoeftes van Suid-Afrikaanse skole.

Alvorens 'n sportbestuursprogram vir opvoederopleiding ontwikkel kon word, was dit nodig om 'n inhoud- en konteksspesifieke verwante instrument te ontwikkel. Kontekstuele, beskrywende en verkennende kwalitatiewe navorsing is onderneem deur middel van 'n semi-gestruktureerde onderhoud. Nadat die sportbestuursbevoegdheid en -behoefte geïdentifiseer is, is 'n vraelys (kwantitatiewe navorsing), gebaseer op die kwalitatiewe navorsing en die literatuurstudie in hoofstukke twee, drie en vier, opgestel as deel van die gemengde metodes navorsingsontwerp. Ten einde 'n goeie oordeel oor inhoud- en konteksspesifieke sportbestuursprogramme vir opvoederopleiding te kan vel, is 'n beroepsontleding (van die geïdentifiseerde skolesportbestuursbevoegdheid) en 'n behoefteontleding (van spesifieke behoeftes wat vereis word om skolesport te bestuur) deur middel van 'n gestruktureerde vraelys onderneem. Nadat die bevoegdheid en behoeftes vir die bestuur van skolesport gedefinieer is, is programontwikkelingsbeginsels toegepas om 'n sportbestuursprogram vir opvoederopleiding te ontwikkel ooreenkomstig die diverse behoeftes van Suid-Afrikaanse skole.

Gevolgtrekkings uit bogenoemde navorsing sluit in dat die skolesportbestuursomgewing besonder uiteenlopend, verpolitiseer en kompleks is. Nog 'n gevolgtrekking was dat bevoegdheid wat vereis word deur skolesportbestuurders opgedeel kan word in **kern-, funksionele en gespesialiseerde bevoegdheid**, wat dui op 'n reeks bevoegdheid wat nodig is om die skolesportbestuurder toe te rus en in staat te stel om skolesport suksesvol te bestuur. Hierdie verskynsel kan nie bloot geïgnoreer word deur HOIs⁴ wanneer 'n inhoud- en konteksspesifieke mark- en behoefte gedrewe sportbestuursprogram vir opvoederopleiding in 'n verskeidenheid Suid-Afrikaanse skole ontwikkel word nie. Dit word dus aanbeveel dat 'n skolesportbestuursprogram pasgemaak word volgens die inhoud- en konteksspesifieke behoeftes van die samelewing en skolesportbestuurders. In die lig van die voorafgaande en 'n voortdurende veranderende opvoedingslandskap in Suid-Afrika is dit nodig dat die ontwikkelde sportbestuursprogram en verwante riglyne vir 'n sportbestuursprogram vir aanvanklike opvoederopleiding ooreenkomstig die uiteenlopende behoeftes van Suid-Afrikaanse skole voortdurend aangevul en aangepas moet word in 'n dinamiese skolesportomgewing.

⁴ Cf. List of Acronyms

Sleutelwoorde: opvoeder, skole, sport, opvoeding, skolesport, sport en sportverwante aktiwiteite, skolesportbestuurder, bevoegdhede, sportbestuursprogram, diversiteit, uiteenlopende behoeftes.

ACKNOWLEDGEMENTS

When one decide to undertake post-graduate studies after twelve years, I as prospective student realised that it would take hard work, commitment and perseverance, not even to speak of the self-discipline that had to be evinced. What initially started with the completion of an Honours degree transpired into a Masters' and culminated with this research for a doctorate. Having completed my Masters' I thought I was well prepared and knew what to expect. However, like many other researchers I did not take into account a daily programme which took a turn to the unaccustomed, challenges, and frustrations associated with post graduate study, while also being a husband, father to my children, breadwinner and many more. As my thesis progressed and unfolded, I and those people close to me and care for me, experienced and went through the extraordinary claims and demands made by a thesis. What is more, I realised that without the enthusiastic inspiration, assistance and support of many individuals, this work would not have seen the light, in particular at one stage where I was prepared to abandon ship and surrender everything I have put together in the five years of my doctorate. In the light then thereof, I would therefore wish to extend my sincere gratitude and thanks to various people and in the same breath would like to acknowledge the help and support I received from different people while I was working on this thesis. In particular I would like to mention:

- **Our Heavenly Father** and **God Almighty**, whose unconditional, everlasting love and guidance sustained me and to whom I could turn when my morale was low, day or night. The one who never gets despondent and tired. He gave me wisdom, faith, patience and strength to belief in myself, while His goodwill and grace enabled me to accomplish my goals and to complete this thesis. My Creator and Inspiration.
- Dr. Herman van Vuuren, my promoter for his patience, encouragement, leadership and motivation with his professional commitment and rigour, and whose perceptive and valuable comments and suggestions guided me throughout this study, enabling me to complete my study. Thank you for never giving up on me and for always pushing me to do my best. Also a special word of thanks for financial assistance from your allocated budget.
- A special thank you to Dr. Patrick Goldstone, for his encouragement, patience, and critical input at a stage that I was at sixes and sevens and needed assistance with my initial language editing. Thank you for the rigorous and ruthless manner in which you read my work and the support and advice you gave me.
- Ms. Hettie Sieberhagen for the accurate and meaningful language editing of this thesis, amidst huge pressure and a large workload. May God grant you the strength to see many more texts through.

- Ms. Simone Roos, my technical editor, for your excellent work under tremendous pressure and time constraints. Thank you for being so friendly, helpful, positive, optimistic and taking the pressure of me to ensure the thesis was technically ready for submission in time.
- All the staff from the Ferdinand Posthuma library of the North-West University (Potchefstroom campus), a special word of appreciation for friendliness, helpfulness, assistance when help was needed and the promptness in responding to requests, either through an inter library loan or from other campuses.
- A special word of thanks to Ms. Wilma Breytenbach from the Statistical Consultancy Services of the North-West University who sacrificed her time to integrate data from research questionnaires to facilitate its analysis and interpretation. Thank you for your patience, assistance, support, invaluable advice, recommendations and guidance not only with compilation, preparation and development of the questionnaire, but also the statistical analysis. Without your help and assistance, the value of the information collected, would not have been handled meaningfully and interpreted. Thank you that you were prepared together with me, not to succumb to pressure.
- All my family and friends who were neglected, but never failed to encourage me and always showed interested in my progress. Thank you for your understanding and support of my wife and children during the time of my studies.
- School principals and educators who so willingly and enthusiastically responded and assisted in completing research questionnaires, and who were the cornerstones in the uncover of knowledge as revealed in this study, a sincere word of thanks. Without you, this study would not have been possible.
- All School Sport Specialists and HEIs representatives who participated in the semi-structured interview, my appreciation for your invaluable contribution in making your precious time available and sharing your expertise.
- The Department of Education from all nine provinces in South Africa for permission to conduct the research in a selection of South African schools.
- My children, Johanette and Jacques (Jnr.) for their unconditional love, support, interest, care, putting up with me, believing in me, understanding, presence, patience and sacrifices made during the past few years. Thank you for your understanding if I could not be there for you or with you when needed, in particular to support during your extra-mural activities. You are stars. May God bless you.
- A special word of thanks to my son, Jacques (Jnr.) for putting up with me, and always willing to assist a previously technologically disadvantaged dad with the computer, copying and saving files, getting connected to the Internet and many more.

- A most sincere thanks to my wife, Antoinette for putting up with me, and for always understanding. You never once faltered in your constant support and enduring love. Thank you for your unconditional positive regard, love, words of encouragement, taking over some of my duties and responsibilities in the household, making life as easy as possible for me to focus on the task at hand and motivation when my morale was low, in particular these last four months. Without you and the support from the children, this thesis would not have crystalised. You gave me Wings. God bless you all.

**ABOVE ALL TO HIM THROUGH WHOM I CAN DO ALL THINGS AND STRENGTHEN ME AND
ON WHOSE SUPPORT I COULD ALWAYS RELY UPON.**

CONTENTS

CHAPTER 1: ORIENTATION, AIMS, OBJECTIVES, METHODOLOGY AND OUTLINE OF STUDY	1
1.1 INTRODUCTION AND RESEARCH PROBLEM.....	1
1.2 THE LITERATURE OVERVIEW	2
1.2.1 Concept clarification.....	2
1.2.1.1 <i>Sport management</i>	2
1.2.1.2 <i>Programme</i>	3
1.2.1.3 <i>Diversity</i>	4
1.2.1.4 <i>Schools</i>	4
1.2.1.5 <i>Competencies</i>	5
1.2.2 The role of school sport managers.....	5
1.2.3 Sport management training.....	7
1.2.4 School sport	9
1.2.5 Rationale for research.....	10
1.3 RESEARCH QUESTIONS, PURPOSE AND AIMS	11
1.3.1 Research questions	12
1.3.2 Research aims	12
1.4 RESEARCH DESIGN AND METHODOLOGY	13
1.4.1 Research design	13
1.4.2 Research methodology	13
1.4.3 The literature study.....	14
1.4.4 Empirical investigation.....	14
1.4.4.1 <i>Mixed methods research</i>	15
1.4.5 Qualitative research	16
1.4.5.1 <i>Study population</i>	16
1.4.5.2 <i>Data collection: interviews</i>	16
1.4.5.3 <i>Qualitative data analysis</i>	17
1.4.5.4 <i>Reliability and validity</i>	17
1.4.6 Quantitative research	17
1.4.6.1 <i>Study population and sample</i>	18
1.4.6.2 <i>Measurement instrument</i>	18
1.4.6.3 <i>Statistical analysis</i>	18
1.4.6.4 <i>Reliability and validity</i>	19
1.4.6.5 <i>Generalisation</i>	20
1.5 ETHICAL ASPECTS	20
1.6 FEASIBILITY OF THE STUDY	21
1.7 THE CONTRIBUTION OF THE RESEARCH	21
1.8 PROVISIONAL CHAPTERS	22
1.9 SYNOPSIS.....	25
CHAPTER 2: SCHOOL SPORT IN THE SOUTH AFRICAN EDUCATION SYSTEM.....	26
2.1 INTRODUCTION	26
2.2 THE NATURE OF THE SCHOOL.....	26
2.2.1 The South African educational system under apartheid.....	26
2.2.2 Changes since apartheid	28
2.2.3 The relationship between sport and education	31
2.2.3.1 <i>Teaching and Education</i>	32

2.2.3.2	<i>The role of the school</i>	33
2.3	A SOCIOLOGICAL PERSPECTIVE ON SPORT	37
2.3.1	A historical orientation of sport.....	37
2.3.2	School sport and physical education in a sociological context	38
2.3.3	Social theories.....	45
2.3.3.1	<i>The Functional Theory</i>	46
2.3.3.2	<i>The Conflict Theory</i>	53
2.3.3.3	<i>The Critical Theory</i>	56
2.3.3.4	<i>The Symbolic Interaction Theory</i>	60
2.3.3.5	<i>The Figuration Theory</i>	63
2.3.3.6	<i>Synthesis</i>	67
2.4	MODERN SOCIETAL TRENDS IN SCHOOL SPORT.....	70
2.4.1	Manipulation.....	72
2.4.1.1	<i>A South African perspective of manipulation</i>	77
2.4.2	Institutionalisation	79
2.4.3	Professionalisation.....	82
2.4.4	Segmentation	87
2.4.5	Demystification	88
2.4.6	Commercialisation.....	90
2.4.7	Privatisation	96
2.4.8	Conclusion	97
2.5	THE SPORT INDUSTRY: SECTORS AND SEGMENTS.....	98
2.5.1	Sport Education Sector	102
2.5.2	Education, Training and Development.....	103
2.5.3	National Qualifications Framework (NQF).....	106
2.6	SYNOPSIS.....	111
CHAPTER 3: SPORT MANAGEMENT TRAINING FOR EDUCATORS.....		114
3.1	INTRODUCTION	114
3.2	SCHOOL SPORT AS AN ENTERPRISE	117
3.2.1	Introduction	117
3.2.1.1	<i>What is an enterprise?</i>	119
3.2.2	Interrelationship between the sport enterprise's environments	122
3.3	THE NATURE (ESSENCE) OF MANAGEMENT.....	126
3.3.1	Major schools of management thought	129
3.3.2	Synthesis.....	138
3.4.	MANAGEMENT AS PHENOMENON.....	140
3.4.1	The relationship between levels of management and competencies required to manage school sport.....	141
3.4.1.1	<i>Top Management</i>	146
3.4.1.2	<i>Middle Management</i>	146
3.4.1.3	<i>Lower Level Management</i>	147
3.4.2	Synthesis.....	150
3.5.	SUMMARY OF FUNDAMENTAL SCHOOL SPORT MANAGEMENT COMPETENCIES	151
3.6	FUNCTIONAL MANAGEMENT IN SCHOOL SPORT	154
3.6.1	The marketing function	155
3.6.1.1	<i>The marketing process</i>	157
3.6.2	Public Relations.....	160

3.6.3	Financial function	163
3.6.3.1	<i>Financial analysis, planning and control</i>	164
3.6.3.2	<i>Asset Management</i>	165
3.6.3.3	<i>Financing</i>	165
3.6.4	The purchasing function	166
3.6.5	Human resource function.....	169
3.6.5.1	<i>Human resource provision</i>	170
3.6.5.2	<i>Human resource development</i>	172
3.6.5.3	<i>Maintenance</i>	174
3.6.6	Facility and event management	175
3.6.7	Risk management	179
3.6.8	Operations management	190
3.6.8.1	<i>Operations management model</i>	191
3.6.9	Synthesis	195
3.7	SYNOPSIS.....	198
CHAPTER 4: SPORT MANAGEMENT TRAINING PROGRAMMES IN PERSPECTIVE		201
4.1	INTRODUCTION	201
4.2	AN INTERNATIONAL HISTORICAL OVERVIEW	202
4.3	HISTORICAL OVERVIEW OF SPORT MANAGEMENT IN SOUTH AFRICA.....	207
4.4	COMPARISON OF SPORT MANAGEMENT PROGRAMMES	212
4.4.1	Undergraduate programmes	212
4.4.1.1	<i>Stellenbosch University</i>	214
4.4.1.2	<i>North-West University (NWU)</i>	216
4.4.1.3	<i>University of Johannesburg</i>	217
4.4.1.4	<i>Universities of Technology</i>	219
4.4.1.5	<i>Further Education and Training Colleges (FET Colleges)</i>	220
4.4.1.6	<i>Private Colleges</i>	223
4.4.1.7	<i>Government programmes</i>	224
4.5	EDUCATOR TRAINING	228
4.5.1	B.Ed: Foundation Phase (Grade R-3) from the NMMU	230
4.5.2	B. Ed: Intermediate Phase Degree of the UFS	231
4.5.3	B.Ed.: Senior and FET phase (Movement Science for Education): NWU.....	234
4.5.4	B.Ed.: FET (Human Movement Science and Sport Management) degree, UP.....	238
4.5.5	Postgraduate Certificate in Education (PGCE): UFS	241
4.5.6	Advanced Certificate in Education (ACE): GET (Senior Phase)/FET (Specialisations): Walter Sisulu University (WSU)	242
4.5.7	Synthesis.....	243
4.6	CONTENT COMPOSITION OF SPORT MANAGEMENT PROGRAMMES	249
4.6.1	Introduction	249
4.6.2	The field of study of school sport management	250
4.6.3	The scientific framework of school sport management.....	251
4.6.3.1	<i>The study object of school sport management</i>	253
4.6.3.2	<i>The problem statement of school sport management</i>	253
4.6.3.3	<i>School sport management as a normative and applied science</i>	254
4.6.3.4	<i>Content and use of scientific fields of study</i>	257
4.6.4	Synthesis.....	276
4.7	FACTORS THAT INFLUENCE SCHOOL SPORT MANAGEMENT PROGRAMMES	279
4.7.1	Human resources (staff/personnel/human capital)	279

4.7.2	Students	280
4.8	SYNTHESIS	283
4.9	SYNOPSIS.....	296
CHAPTER 5: RESEARCH DESIGN AND METHODOLOGY		299
5.1	INTRODUCTION	299
5.2	THEORETICAL FRAMEWORK FOR THE RESEARCH DESIGN AND METHODOLOGY	299
5.2.1	Research Paradigms.....	300
5.2.1.1	<i>Positivism</i>	301
5.2.1.2	<i>Post-positivism</i>	305
5.2.1.3	<i>Interpretivism</i>	307
5.2.1.4	<i>Realism</i>	311
5.2.1.5	<i>The Critical Approach</i>	311
5.3	THE THREE-WORLDS FRAMEWORK.....	314
5.3.1	World 1: The world of everyday life and lay knowledge.....	314
5.3.2	World 2: The world of science and the search for truth by means of scientific research 315	
5.3.3	World 3: The world of meta-science	315
5.4	RESEARCH DESIGN AND METHODOLOGY	316
5.4.1	Research Design	316
5.4.2	Research methodology	318
5.5	THE LITERATURE STUDY (REVIEW).....	319
5.6	THE EMPIRICAL RESEARCH	320
5.7	MIXED METHODS RESEARCH	321
5.7.1	Definition.....	322
5.7.2	Rationale and purpose	322
5.7.3	Value (Advantages)	324
5.7.4	Specific design.....	324
5.7.4.1	<i>Procedural consideration</i>	325
5.7.4.2	<i>The mixed method exploratory research design</i>	325
5.7.4.3	<i>A mixed methods research model</i>	326
5.8	QUALITATIVE RESEARCH.....	328
5.8.1	Study population.....	328
5.8.2	Sampling.....	328
5.8.3	Reliability and validity	329
5.8.4	Qualitative data collection	330
5.8.4.1	<i>Interviews</i>	331
5.8.4.2	<i>Semi structured interviews</i>	332
5.8.4.3	<i>Observation</i>	332
5.8.4.4	<i>The Interview schedule</i>	332
5.8.4.5	<i>The Interview procedure</i>	333
5.9	QUANTITATIVE RESEARCH.....	333
5.9.1	The survey as research method.....	334
5.9.1.1	<i>Rationale and purpose</i>	334
5.9.1.2	<i>Strengths and limitations</i>	334
5.9.2	The Study population.....	335
5.9.2.1	<i>Selection and sampling</i>	335
5.9.2.2	<i>Return rate</i>	337

5.9.3	The questionnaire as measurement instrument.....	339
5.9.3.1	<i>Advantages and disadvantages of questionnaires</i>	339
5.9.3.2	<i>The design of the questionnaire</i>	339
5.9.4	Reliability	342
5.9.4.1	<i>Pilot study</i>	343
5.9.4.2	<i>The Cronbach alpha coefficient</i>	344
5.9.5	Validity	346
5.9.5.1	<i>Internal validity</i>	347
5.9.5.2	<i>External validity</i>	348
5.9.5.3	<i>Measurement validities</i>	348
5.9.6	Statistical analysis.....	350
5.10	ETHICAL CONSIDERATIONS AND ASPECTS	351
5.11	ADMINISTRATIVE PROCEDURES	352
5.12	SYNOPSIS.....	352
CHAPTER 6: DATA ANALYSIS AND INTERPRETATION.....		354
6.1.	INTRODUCTION	354
6.2	ANALYSIS AND INTERPRETATION OF DATA.....	355
6.2.1	Analysis of qualitative data	358
6.2.1.1	<i>Process of data analysis</i>	363
6.2.2	Interview analysis	367
6.2.2.1	<i>Utility of computer-aided research and procedures followed using Atlas.tiTM</i>	368
6.2.2.2	<i>Content analysis process</i>	370
6.2.2.3	<i>Observation</i>	371
6.2.2.4	<i>Background information about participants in the semi-structured interview</i>	371
6.2.3	Presentation and discussion of the semi structured interview data	372
6.2.3.1	<i>Fundamental school sport management competencies</i>	376
6.2.3.2	<i>General school sport management competencies</i>	385
6.2.3.3	<i>Human resources</i>	386
6.2.3.4	<i>Marketing</i>	391
6.2.3.5	<i>Public relations</i>	395
6.2.3.6	<i>Financial management</i>	395
6.2.3.7	<i>Purchases</i>	396
6.2.3.8	<i>Sport law and legal management competencies</i>	397
6.2.3.9	<i>Operations management</i>	398
6.2.4	Synthesis	401
6.2.5	Specialist school sport management competencies	402
6.2.5.1	<i>Human Movement, Sport and Recreation competencies</i>	402
6.2.5.2	<i>Sport medical services</i>	406
6.2.6	Synthesis.....	407
6.2.7	Needs	408
6.2.7.1	<i>Resources</i>	408
6.2.7.2	<i>Training</i>	412
6.2.7.3	<i>Governance</i>	416
6.2.7.4	<i>Specialists</i>	418
6.2.7.5	<i>Compulsory PE</i>	420
6.2.7.6	<i>Funds</i>	421
6.2.7.7	<i>Infrastructure</i>	422
6.2.7.8	<i>Support</i>	423

6.2.7.9	<i>General comments</i>	424
6.2.7.10	<i>Conclusion: interview analysis</i>	426
6.3	ANALYSIS OF QUANTITATIVE DATA.....	431
6.3.1	Profile (description) of the study population	432
6.3.1.1	<i>Biographical data</i>	433
6.3.1.2	<i>Demographical data</i>	444
6.3.2	Section C: School Sport Management Competencies	454
6.3.2.1	<i>Responses by the overall study population</i>	455
6.3.2.2	<i>Responses of school sport managers according to gender</i>	461
6.3.2.3	<i>Responses of school sport managers according to management level</i>	467
6.3.2.4	<i>Responses of school sport managers according to type of school</i>	474
6.3.2.5	<i>Synthesis</i>	487
6.3.3	Section D: School sport management needs.....	492
6.3.3.1	<i>Responses by the overall study population regarding construct needs</i>	493
6.3.3.2	<i>Responses of school sport managers' needs according to gender</i>	495
6.3.3.3	<i>Responses of school sport managers' needs according to management level (position held)</i>	496
6.3.3.4	<i>Responses of school sport managers' needs according to type of school</i>	498
6.3.3.5	<i>Synthesis</i>	500
6.3.4	Conclusion: descriptive statistics.....	503
6.4	SYNOPSIS.....	503
CHAPTER 7: A SCHOOL SPORT MANAGEMENT PROGRAMME FOR EDUCATOR TRAINING		505
7.1	INTRODUCTION	505
7.2	THE EDUCATION SYSTEM IN POST APARTHEID SOUTH AFRICA	509
7.2.1	Department of Higher Education and Training (DHET).....	512
7.2.2	Council on Higher Education (CHE).....	513
7.2.2.1	<i>Higher Education Quality Committee (HEQC)</i>	514
7.2.3	South African Qualifications Authority (SAQA).....	515
7.2.4	Nature and implications of SAQA process and the NQF.....	524
7.2.4.1	<i>National Qualifications Framework (NQF) and Higher Education Qualifications Framework (HEQF)</i>	527
7.2.5	Tourism, Hospitality and Sport Education and Training Authority (THETA)	533
7.3	PROGRAMME DESIGN AND DEVELOPMENT	534
7.3.1	Programme design	535
7.3.2	Programme development.....	537
7.4	FRAMEWORK FOR THE DEVELOPMENT OF THE SPORT MANAGEMENT PROGRAMME.....	545
7.4.1	Stages in developing a framework for a sport management programme for educator training.	546
7.5	DEVELOPMENT OF A CONTENT AND CONTEXT-SPECIFIC PROGRAMME FOR EDUCATOR TRAINING	547
7.5.1	Identifying the purpose, rationale and context	549
7.5.2	Outcomes	554
7.5.2.1	<i>Critical cross field outcomes</i>	555
7.5.2.2	<i>Specific Outcomes</i>	556
7.5.3	Learning content	561
7.5.4	Assessment	565

7.5.4.1	<i>Integrated types of assessment</i>	570
7.5.5	Programme assessment.....	579
7.6	GUIDELINES FOR A PROPOSED FRAMEWORK FOR A SPORT MANAGEMENT PROGRAMME FOR EDUCATOR TRAINING.....	580
7.7	SYNOPSIS.....	600
CHAPTER 8: OVERVIEW, FINDINGS, CONCLUSIONS, RECOMMENDATIONS AND SUMMARY.....		601
8.1	INTRODUCTION.....	601
8.2	OVERVIEW.....	601
8.3	SIGNIFICANCE OF THE STUDY.....	604
8.4	RESEARCH FINDINGS.....	605
8.4.1	Findings on school sport in the South African education system, research aim 1.....	605
8.4.2	Findings in relation to research aim 2, sport management training for educators.....	612
8.4.3	Findings in relation to research aim 3, sport management training programmes in perspective.....	619
8.4.4	Findings in relation to research aim 4, needs and competencies of school sport managers.....	622
8.4.5	Findings in relation to research aim 5, a sport management programme for educator training in accordance with the diverse needs of South African schools.....	624
8.5	CONCLUSIONS.....	627
8.5.1	Conclusions on school sport in the South African education system.....	627
8.5.2	Conclusions on sport management training for educators.....	628
8.5.3	Conclusions on sport management training programmes in perspective.....	629
8.5.4	Conclusions on the needs and competencies of school sport managers.....	631
8.5.5	Conclusions on a sport management programme for educator training in accordance with the diverse needs of South African schools.....	632
8.6	RECOMMENDATIONS.....	634
8.6.1	Recommendations in relation to the research findings.....	635
8.6.2	Recommendations for future research.....	638
8.7	LIMITATIONS OF THIS STUDY.....	639
8.8	IMPLICATIONS FOR SPORT MANAGEMENT AS A SCIENCE.....	639
8.9	CLOSING REMARKS.....	640
BIBLIOGRAPHY.....		642

TABLE OF FIGURES

Figure 1: Outline of Study.....	24
Figure 2: The role of the school in society.....	36
Figure 3: Segments and sectors of the sport industry.....	101
Figure 4: Education and Training framework for sport and recreation.....	108
Figure 5: Practical leadership development model for credit and non-credit bearing education and training programmes in sport and recreation.....	110
Figure 6: Sport development continuum.....	111
Figure 7: A societal perspective of sport: The South African view.....	113
Figure 8: Composition of the School Sport Enterprise.....	124
Figure 9: Levels of Management.....	142

Figure 10: Organisational structure for school sport	149
Figure 11: School sport management model.....	196
Figure 12: Fields of Management Competencies	199
Figure 13: The field of study of school sport management	252
Figure 14: The diamond concept of management.....	282
Figure 15: Theoretical Framework for the development of a sport management programme for educator training.....	289
Figure 16: Research Design.....	318
Figure 17: The instrument development model of the exploratory sequential mixed methods research design.....	326
Figure 18: The mixed methods research model.....	327
Figure 19: The qualitative content analysis process	366
Figure 20: Schematic presentation of the components of a sport management programme for educator training.....	374
Figure 21: Competencies of school sport managers in a diversity of South African Schools	375
Figure 22: Needs of School Sport Managers	409
Figure 23: Educational system governing post-apartheid South Africa	511
Figure 24: The National Qualifications Framework	518
Figure 25: Components of the programme development process.....	542

TABLE OF TABLES

Table 1: Five theories	68
Table 2: Sociological theories and school sport related trends in society	98
Table 3: Summary of major and related events, proponents and focus in the management movement.....	131
Table 4: Comparison of the two undergraduate Sport Management programmes of the St Thomas University	213
Table 5: Stellenbosch University B.A. (Sport Science) with Psychology	215
Table 6: NWU, BA (Sport, Health and Leisure Science), Human Movement Science and Recreation Science.....	217
Table 7: UJ, B.Com (Sport Management).....	218
Table 8: Distribution of subjects for the ND: Sport Management at Universities of Technology.....	220
Table 9: Higher Diploma: Sport Management and Coaching	221
Table 10: National Certificate: Sport and Marketing Management of Boland College in collaboration with the ETA.....	222
Table 11: One-year diploma: Boston College.....	223
Table 12: SRSA skills programme for Sport Leaders Managers and Coaches,.....	226
Table 13: Content of the B.Ed Foundation Phase degree: NMMU	230
Table 14: Content of sport related academic modules of the UFS B.Ed: Intermediate phase degree	233
Table 15: NWU Senior and FET phase: Movement Science for Education	236
Table 16: UP FET Phase: Human Movement Science and Sport Management.....	239
Table 17: Summary of areas of study in Sport Management programmes.....	245
Table 18: Specific outcomes/content/competencies for scientific fields.....	265

Table 19: Advantages and disadvantages of questionnaires	339
Table 20: Scale for questionnaire.....	342
Table 21: Cronbach Alpha coefficient for the constructs of the questionnaire in Section C	345
Table 22: Cronbach Alpha coefficient for the constructs of the questionnaire in Section D	345
Table 23: Exploratory Factor Analysis	347
Table 24: Biographical information about the school related to diversity.....	451
Table 25: Overall School Sport Management Construct Competencies.....	456
Table 26: School sport management construct competencies based on gender.....	462
Table 27: School sport management construct competencies based on management level (position held)	467
Table 28: Comparison of school sport management construct competencies in relation to type of school (primary, secondary, combined)	475
Table 29: Comparison of school sport management construct in relation to type of school	479
Table 30: Comparison of school sport management construct competencies in relation to type of school (combined, independent, public, rural and township schools.....	482
Table 31: Summary of ranking of importance by different groups of school sport managers with regard to the different construct competencies required to manage school sport	489
Table 32: Overall school sport management needs.....	493
Table 33: Comparison of school sport managers construct needs based on gender.....	495
Table 34: Comparison of school sport managers construct needs based on management level	497
Table 35: Comparison of school sport managers construct needs in relation to type of school (primary, secondary, combined).....	498
Table 36: Comparison of school sport managers' construct needs in relation to type of school (public and independent).....	499
Table 37: Comparison of school sport managers' construct need in relation to type of school (combined, independent, public, rural and township schools)	500
Table 38: Summary of ranking of importance by different groups of school sport managers with regard to the different construct needs required to manage school sport	502
Table 39: Proposed purpose of each sport management competency on NQF Level 7... ..	552
Table 40: Proposed specific and critical cross-field outcomes for a sport management programme for educator training	557
Table 41: Proposed learning content for sport management programme for educator training	562
Table 42: Proposed assessment criteria for school sport management.....	575
Table 43: Guidelines for a proposed framework for sport management programme for educator training HEQF level 7	583

TABLE OF GRAPHS

Graph 1: Gender.....	434
Graph 2: Position at school	435
Graph 3: Highest academic qualification.....	437
Graph 4: Specific qualifications obtained	438

Graph 5: Current involvement in sport.....	439
Graph 6: Capacity of involvement	440
Graph 7: Coaching qualifications and experience	442
Graph 8: Involvement (experience elsewhere).....	443
Graph 9: Number of learners.....	445
Graph 10: Composition of schools	445
Graph 11: Classification of schools	446
Graph 12: Background (socio-economic status of the area around the school).....	447
Graph 13: Socio-economic status	448
Graph 14: Number of educators	449
Graph 15: Number of learners who participate in sport	449
Graph 16: Level of participation.....	450

ANNEXURES

ANNEXURE A	Confidentiality Agreement Respondents-Questionnaire (Included on CD)
ANNEXURE A1	Confidentiality Agreement Participants-Interviews (Included on CD)
ANNEXURE B	Interview Schedule (Included on CD)
ANNEXURE B2	Background Information Questionnaire to Participants in Semi-Structured Interview (Included on CD)
ANNEXURE C1	Permission Letter to Provincial DOE (Included on CD)
ANNEXURE C2	Permission Letter and letter of Assistance to Education Specialist (Included on CD)
ANNEXURE D	Questionnaire (Included on CD)
ANNEXURE E	Letter to Principals (Included on CD)
ANNEXURE E1	Letter to Sport Organiser (Included on CD)
ANNEXURE E2	Follow Up Letter to Principals (Included on CD)
ANNEXURE F	Letter to HEIs (Included on CD)
ANNEXURE G	Consent to Record Interviews (Included on CD)
ANNEXURE H	Ethical Considerations Semi-Structured Interviews (Included on CD)
ANNEXURE I	Participation Letter to Principals (Included on CD)
ANNEXURE J	Participation Letter to SGB (Included on CD)
ANNEXURE K	Observation Checklist (Included on CD)
ANNEXURE L	Participation Letter to HEIs (Included on CD)
ANNEXURE M	ATLAS.ti Analysis (Included on CD)
ANNEXURE N	Maps of Provinces and Districts
ANNEXURE O	Verified Transcribed Interviews (Included on CD)

ANNEXURE P	Permission to Conduct Research/Approval to Conduct Research (DOEs) (Included on CD)
ANNEXURE Q	Approval to Conduct Research [Ethics Certificate (Included on CD)]
ANNEXURE R	Declaration Statistical Consultancy Services (Included on CD)
ANNEXURE S	Declaration Linguist (Included on CD)
ANNEXURE T	Declaration Technical Editor (Included on CD)
ANNEXURE U	Declaration technical editing: (Included on CD)

ACRONYMS

AAHPERD	American Alliance for Health, Physical Education, Recreation and Dance
ACE	Advanced Certificate in Education
ANC	African National Congress
ACHPER	Australian Council for Health, Physical Education and Recreation
B.Ed.	Bachelor of Education
CA	Centurion Akademie
CAPS	Curriculum Assessment Policy Statements
CAT	Computer Application Technology
CATHSSETA	Culture, Art, Tourism, Hospitality And Sport Education And Training Sector Education And Training Authority
CCFOs	Critical Cross Field Outcomes
CHE	Council on Higher Education
CO	Critical Outcomes
COSSASA	Confederation of School Sport Association Of Southern Africa
CPDT	Continuing Professional Teacher Development
CPUT	Cape Peninsula University of Technology
CSSR	Council for Social Science Research
CUT	Central University of Technology
DBE	Department of Basic Education
DHET	Department of Higher Education and Training

DoE	Department of Education
EASM	European Association for Sport Management
EMS	Economic and Management Sciences
ETQA	Education and Training Qualification Authority
FA	Football Association
FASSET	Sector Education Training Authorities for Finance, Accounting, Management Consulting and Other Financial Services
FET	Further Education and Training Colleges
FET	Further Education and Training Band
FETAC	Further Education and Training Awards Council
FIFA	Fédération Internationale De Football Association
GET	General Education and Training Band
GIZ	Deutsche Gesellschaft Für Internationale Zusammenarbeit
HE	Higher Education
HEB	Higher Education Board
HED	Higher Education Diploma
HEIs	Higher Education Institutions
HEQC	Higher Education Quality Committee
HEQF	Higher Education Qualifications Framework
HERDSA	Higher Education Research and Development Society Of Australasia
HET	Higher Education and Training Band
HET	Higher Education and Training
HMS	Human Movement Science
HR	Human Resources
IPET	Initial Professional Education of Teachers
IPTs	Inter Provincial Tournaments
ISSF	International School Sport Federation
KFC	Kentucky Fried Chicken

KPAs	Key Performance Areas
KSVAS	Knowledge Skills Values Attitudes
LO	Life Orientation
LTPDM	Long Term Participant Development Model
MBA	Magister in Business Administration
MSA	Kaiser's Measure of Sample Adequacy
MSTE	Mathematics, Science and Technology Education
NASPE	National Association for Sport and Physical Education
NASSM	North American Society for Sport Management
NCS	National Curriculum Statement
ND	National Diploma
NGO	Non-Government Organisations
NMMU	Nelson Mandela Metropolitan University
NP	National Party
NPDE	National Professional Diploma in Education
NQF	National Qualifications Framework
NSBs	National Standards Body
NSC	National Sport Commission
NSF	National Sport Federations
NSRP	National Sport and Recreation Plan
NWU	North-West University
OBE	Outcomes Based Education
PE	Physical Education
PGCE	Post Graduate Certificate of Education
PGHED	Post Graduate Higher Education Diploma
POE	Portfolio of Evidence
QCTO	Quality Council for Trades and Occupations

RAU	Rand Afrikaans University
RPL	Recognition of Prior Learning
SACE	South African Council for Educators
SAIRR	South African Institute for Racial Relations
SAQA	South African Qualifications Framework
SAS4L	South African Sport for Life
SASC	South African Sport Commission
SASC	South African Sports Commission
SASCOC	South African Sports Confederation and Olympic Committee
SCS	Statistical Consultancy Services of the North West University
SETAS	Sector Education Training Authorities
SGB	School Governing Body
SIC	Standard Industrial Classification
SMAANZ	Sport Management Association of Australia and New Zealand
SMT	School Management Team
SO	Specific Outcomes
SOPs	Standard Operation Procedures
SRSA	Sport and Recreation South Africa
SSDS	Social Sciences and Development Studies
THETA	Tourism, Hospitality, Sport Education and Training Authority
TQM	Total Quality Management
UFS	University of the Free State
UJ	University of Johannesburg
UK	United Kingdom
UNICEF	United Nations Children's Fund
UP	University of Pretoria
USA	United States of America

USSASA	United Schools Sport Association of South Africa
USSR	United Socialised Soviet Republic
VUT	Vaal University of Technology
WIL	Work Integrated Learning
WSU	Walter Sisulu University