

Position Description	
TITLE: BNZ Crusaders Sport Scientist	Name:
Reports to: BNZ Crusaders Head Strength & Conditioning Coach	Location: Rugby Park, Christchurch
Liases with: <u>Internal</u> <ul style="list-style-type: none"> • Strength and Conditioning Coaches • Medical Team • Head Performance Analyst • Crusaders and Canterbury Rugby Coaches 	Liases with: <u>External</u> <ul style="list-style-type: none"> • All Black Medical and Conditioning Staff • NZR • Other Sporting Codes National and International • Universities and other tertiary Institutions.
PURPOSE OF POSITION <p>To assist with the performance and preparation of the BNZ Crusaders by:</p> <ul style="list-style-type: none"> • Overseeing all aspects of the BNZ Crusaders performance monitoring systems including further enhancement of data collection , processing and reporting methods • To collate, analyse and report on all performance monitoring data to ensure optimal player loading for conditioning, recovery and performance. • Undertake research projects to support the Medical, Strength and Conditioning and Performance Analysis Departments ensuring they remain leaders in best practice 	

	ACCOUNTABILITIES:		EXPECTED OUTCOMES:
1.	GPS		<ul style="list-style-type: none"> • Maintenance, procurement and updating of GPS hardware and software, ensuring technologies and usage are leading edge and up to date. • Live monitoring of all matches and training sessions as directed by Coaching and or Head S & C Coach • Accurate and timely uploading, analysis and reporting of GPS Data , to ensure: <ul style="list-style-type: none"> • Training loads match in game demands. • Data assists with rehabbing players return to play and decision-making relating to injury prevention. • Education of GPS sports science concepts, to coaches and other support staff
2.	Performance Monitoring:		<ul style="list-style-type: none"> • Provide daily and weekly collation, analysis and reporting of performance data for player load management decision making • Integration of Sports Code Video Analysis with GPS data to accurately correlate player loading at training and in games. • In conjunction with the S & C coach(s), collection, interpretation and reporting of all fitness testing data produced during team testing blocks. • Database development to capture and monitor historical trends that will assist with, planning and predictive decision making relating training periodisation and injury management.
3.	Research Support:		<ul style="list-style-type: none"> • Research, report and comment on latest trends across other comparative sports as they relate to the coaching, analysis, medical and strength and conditioning departments. • Undertake specific internal research projects as requested by the Crusaders Strength & Conditioning, Medical or Coaching departments
4.	General		<ul style="list-style-type: none"> • The Crusaders Sports Scientist is an integral member of Crusaders and Canterbury Rugby and is expected to develop a working knowledge of the team and organisation's goals and objectives, working towards the achievement of these to the best of their ability.

<p>Qualifications and Experience</p>	<ul style="list-style-type: none"> • Suitably qualified by training and/or experience in Sports Science, including (but not limited to) the following: <ul style="list-style-type: none"> ◦ Outstanding level of understanding in performance monitoring and analysis tools. ◦ Extensive experience in the use of GPS Technology both hardware and software. ◦ Extensive knowledge of the game of rugby and the position specific demands of the sport ◦ Proven ability in research, data analysis and reporting. ◦ Experience of operating in an integrated High Performance program
<p>Special Features</p>	<ul style="list-style-type: none"> • Excellent presentation and oral communication skills • Problem solver with a solution based approach to work. • Ability to work with their own initiative and as part of a team • High levels of rugby literacy – understand the game and the demands it places on modern athletes. • Ability to build rapport with professional athletes and support staff to educate on leading sports science practices.