



NEW SOUTH WALES INSTITUTE OF SPORT **GENERAL JOB DESCRIPTION**

Job Description Number: JD031

POSITION DETAILS

Position Title: Sport Scientist (Physiology)

Responsible to: Manager Sport Science
Senior Sport Scientist (Physiology)

ORGANISATIONAL DETAILS

Business: NSW Institute of Sport

Location: Sydney Olympic Park, Homebush Bay

Unit: Sport Science

ORGANISATIONAL CONTEXT

The NSW Institute of Sport was established to develop and deliver programs and services to elite athletes in NSW. Our central goal is to assist identified high performance NSW athletes and coaches to achieve excellence and success at the international level. In partnership with national and state sporting organisations, NSWIS supports targeted athletes in their preparation for Olympic, Paralympic and selected major international competitions. As a service organisation, the Institute provides sport science, sport psychology, career, education, administration, financial, athlete welfare and medical support.

ORGANISATIONAL RELATIONSHIPS

- (i) Position title of supervisor**
Senior Sport Scientist (Physiology)

- (ii) Positions which also report to the supervisor**
Physiologist
Sport Science Casual Staff

PRIMARY PURPOSE OF POSITION

To provide sport science services and support to coaches and athletes, in order to enhance athletic performance in domestic and international competition. To assist in maintaining laboratory operational standards at a level that is at least equivalent to those required by the LSAS.

KEY ACCOUNTABILITIES

1. Provide Sport Science Services (including strength and conditioning) to NSWIS and National Sports programs including delivery of testing and monitoring programs, analysis of data, and translation into meaningful and relevant reports and training programs for coaches and athletes at both Sydney Olympic Park and home programs.
2. Either independently or in conjunction with other staff and coaches provide supervision of athlete training sessions
3. Supervise or assist in the supervision of other staff or casual employees who provide Sport Science Services to NSWIS and National Sports programs to ensure high quality service provision.
4. Assist in maintaining operational standards appropriate to those of Occupational Health & Safety (OH & S) and the Laboratory Standards Assistance Scheme (LSAS).
5. Represent the NSWIS at appropriate State, National and International meetings and forums.
6. Assist to develop and, conduct scientific testing and monitoring of athletes after consultation with National Sport Science Coordinators, review of relevant literature and consultation with other scientists.
7. Utilising appropriate forums and technologies, provide coaches and athletes with information that can positively impact on training programs and competition performance.
8. Supervise where appropriate, other NSWIS Sport Science and Technical staff in maintaining Laboratory equipment and operational standards to at least those of the LSAS.

9. Provide other Sport Science and Technical staff, where appropriate with assistance and guidance in the analysis and interpretation of test results and planning of research.
10. Foster innovation and excellence in all areas of operation and program implementation.
11. Assist in ensuring that operational procedures are documented and implemented and, appropriate records maintained to at least the standard of the LSAS.
12. Undertake or assist in research designed to have an application in improving athletic performance.
13. Ensure that information derived from research is disseminated in an appropriate form (written reports or conference presentation) to both the sporting and scientific community.
14. Liaise with appropriate external organisations (eg. SSO, NSO, ASC, Industry, Universities, External Service Providers, Research Partners, etc) to ensure “best practices” operate at NSWIS.

KNOWLEDGE, EXPERIENCE AND SKILL REQUIREMENT

1. Demonstrated ability and commitment to work in a multidisciplinary team environment.
2. Experience in the use of MS Office and other computer programs.
3. Experience in working and interacting with high performance coaches and athletes.
4. Practical experience in the development of training programs for high performance athletes.
5. Experience in the independent operation, maintenance and quality control of laboratory equipment.
6. Formal training in the use of laboratory equipment (e.g. Company conducted operational courses).
7. Training in quality laboratory practice, including the management of quality control or quality assurance programs.
8. Experience in the independent operation, maintenance and quality control of laboratory equipment.
9. Capacity to analyse data, interpret results and produce reports for coaches and athletes.
10. Knowledge of the operation of the Laboratory Standards Assistance Scheme
11. A commitment to quality service and the rapid dissemination of information

TRAINING AND QUALIFICATION

1. Bachelor's Degree in biological or exercise science.
2. Level 1 Anthropometry.
3. First Aid and Resuscitation Certificate.
4. Level 1 Strength and Conditioning Qualification or equivalent experience an advantage.
5. Current driver's license.

6. Minimum 2 years experience (or equivalent) in the provision of sport science services to high performance athletes.
7. Honours or Masters Degree may be an advantage.

PREPARED BY

Name:

Signed:

Date: