



**Post-Doctoral Research Fellow**  
(Rugby League)

**une**  
University of  
New England



# Post-Doctoral Research Fellow

(Rugby League)

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<b>Faculty:</b>	Faculty of Science, Agriculture, Business and Law
<b>Employment Type:</b>	3 years fixed term, full time
<b>School:</b>	School of Science and Technology
<b>Reports to:</b>	Dean, Faculty of Science, Agriculture, Business and Law
<b>Salary Range:</b>	\$ 94,736 to \$112,279 per annum (Level B)

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## University of New England

The University of New England (UNE), Armidale is a regionally based university that pioneered teaching to external students making UNE the most experienced provider of distance and innovative online education. UNE is the only university to score five stars for student satisfaction every year for 12 years. The following values, strategies and plans express the University's culture, structure, direction, and expectation of the staff members' conduct, capability and contributions:

- [UNE 2016 - 2020 Strategic Plan](#)
- [UNE Research Plan 2016 - 2020](#)

## The Faculty

The Faculty of Science, Agriculture, Business and Law is an innovative collaboration of scientists, researchers, and academics designed to deliver cutting-edge education and real-world learning. Join a Faculty of over 700 staff and postgraduate students with international reach and active industry collaborations and partners across Asia and Africa.

## The School

The School of Science and Technology comprises subject disciplines including Biomedical Science, Chemistry, Physics and Electronics, Exercise and Sport Science, Mathematics, Statistics and Computer Science. The School conducts teaching and research through an exciting range of undergraduate, honours, and postgraduate courses and research degrees by dissertation within these disciplines. These courses are offered via on campus and flexible online education modes. Additionally, the research performance of

a number of our disciplines was assessed at 'well above world standard' in the 2015 and 2018 ERA ratings for research excellence.

## The Role

The New South Wales Rugby League (NSWRL) is the governing body for Rugby League in NSW and has responsibility for the development and talent pathways of junior athletes as well as the management of the State of Origin NSW Blues team.

NSWRL and UNE have recently partnered to create a Rugby League Centre of Excellence with world class sports science facilities located at Homebush, Sydney. As a part of this agreement, this industry focused Postdoctoral Research Fellowship position has been established in order to examine talent identification and development as well as the interplay between training practices, athlete wellbeing and performance outcomes.

As a Postdoctoral Research Fellow, you will have responsibility for the development and translation of evidence based sports science to the NSWRL. Specifically, this position will focus upon the achievement of high quality research outcomes including publication, research student supervision and external research funding.

The research will be supported by strong industry linkages in conjunction with collaborative expertise in the field of biomechanics, computational science, physiology, sports science and statistics as well as access to our university cloud and high performance computing infrastructure.

## Duties – Postdoctoral Research Fellow (Level B)

Specific duties required of a Level B Postdoctoral Research Fellow may include:

- The conduct of research as a member of a team or independently, and the production of conference and seminar papers and publications from that research.
- The provision of scientific support to the NSWRL high performance programs including performance analysis, applied sports science support and athlete management.
- Experimental design and operation of advanced laboratory and technical equipment or conduct of advanced research procedures.
- The conduct of research as a member of a team or independently, and the production of conference and seminar papers and publications from that research.
- Supervision of research-support staff involved in the staff member's research.
- Guidance in the research effort of junior members of research-only academic staff in his/her research area.
- Contribution to the preparation, or where appropriate individual preparation, of research proposal submissions to external funding bodies.
- Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise.
- Administrative functions primarily concerned with his/her areas of research.
- Occasional contributions in the teaching program within the field of the staff member's research.

- Co-supervision, or where appropriate supervision, of major honours or postgraduate research projects within the field of the staff member's area of research.
- Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental and/or Faculty meetings and/or membership of a limited number of committees.

## Skill Base

A Postdoctoral Research Fellow (Level B) will normally have completed a relevant doctoral qualification or have significant professional and research experience.

## How you will be assessed for the role

The UNE Core Capability Framework describes six core capabilities for all staff at UNE. Your merit will be assessed based on the demonstration of all or most of the following UNE core capabilities. For full detail about the key capabilities, please refer to the [UNE Core Capability Framework Document](#).

1. Shapes and Supports Strategy
2. Leads and is Open to Change
3. Acts with Courage and Integrity
4. Delivers and Achieves Results
5. Develops and Maintains Relationships
6. Communicates with Influence

You will also need to exhibit the knowledge, educational requirements, skills and experience attributes required for the position.

## Additional information

To discuss this role please contact Professor Aron Murphy:

Phone **02 6773 5009** or email [dean-sabl@une.edu.au](mailto:dean-sabl@une.edu.au)

To find out more about the School of Science and Technology visit [www.une.edu.au/about-une/academic-schools/school-of-science-and-technology](http://www.une.edu.au/about-une/academic-schools/school-of-science-and-technology)

## To Apply

Your application should be comprised of:

1. 1-2 page cover letter outlining who you are, your strengths and qualifications, and why you are interested in the role at UNE;
2. A current resume containing details of 3 referees. At least one referee should have a thorough knowledge of your work over the past 2 years as your manager or supervisor;
3. Responses to the selection criteria below explaining how you best meet these requirements. Your examples should be based on previous performance/experience and you should clearly explain your level of involvement in the example activity, what you have done, how, why, with whom and what the outcomes were.
4. Selection Criteria (below):

Selection Criteria	
<b>Knowledge &amp; Education</b>	1. A postgraduate degree (or near completion) in exercise and sports science or a closely related area with a focus on human movement and/or sports performance.
<b>Skills and Experience</b>	2. A developing research track-record as evidenced by outputs such as quality peer-reviewed presentations and publications, consultancies and/or research grants.
Core Capabilities relevant to the Role	
<b>Delivers and Achieves Results</b> <b>Shapes and Supports Strategy</b>	3. Experience & proficiency in delivering support services in a professional high performance sport setting e.g. performance analysis, applied sports science support, athlete management.
<b>Leads and is Open to Change</b>	4. Demonstrated commitment to learning and self-development, maintaining currency with the latest ideas in the discipline and embracing challenging new opportunities.
<b>Develops and Maintains Relationships</b> <b>Delivers and Achieves Results</b> <b>Communicates with Influence</b> <b>Acts with Courage and Integrity</b>	5. Ability to work productively both independently on projects and collaboratively within a multi-disciplinary team, according to fixed timelines. 6. Demonstrated strong relationship management, interpersonal, communication and negotiation skills and ability to engage effectively with internal and external stakeholders.
<b>Desirable</b>	7. Accreditation as a Sports Scientist with Exercise and Sports Science Australia. 8. Experience using a high-level computing language (e.g. Python), scientific computing (e.g. MATLAB), databases (e.g. SQL) or other data engineering technologies. 9. Experience in professional rugby league or related team sports. 10. Experience of using SportsCode and other performance analysis systems. 11. Experience of a range of Athlete Management Systems, their implementation and development. 12. Technical proficiency in a laboratory setting for example biochemical analysis, set up & use of force plates, metabolic systems and ultrasound.