***Role Summary***

Reporting to the Head of School, Agriculture, Food & Wine, the two Senior Internal Contract-Funded Researchers, will provide leadership in research excellence, education and training within the University of Adelaide’s Faculty of Sciences, Engineering & Technology (SET).

The successful appointees will lead the development of new sustainable/low input agriculture research initiatives that will contribute to the University maintaining and further growing its global leadership in this research domain. Research outputs will have national and/or international impact that are both scientific and practical, and be of a scope and scale that ensures trans-disciplinary collaboration and significant industry/government engagement. Innovative areas for research, development and commercialisation consideration could include (but will not be limited to): the development of new sustainable technologies (e.g. agrivoltaics); making use of indigenous learnings about land use; the control of pests, weeds and diseases with lower use of fertilisers and pesticides; integrated nutrient management; understanding and supporting the resilience of remote and regional areas; integrated agricultural biocycle development.

The successful appointees will lead and encourage an environment of creativity, excellence and innovation in the Faculty and engage with the broader academic and professional community to promote and enhance the national and international profile of the University.

The SET Faculty brings together many different disciplines and staff from around the globe to lead world-class research. Our transformative research informs our teaching and allows our students to learn science, mathematics, engineering and computational technology in the context of research that aims to solve some of the biggest challenges our world is facing.

The School of Agriculture, Food & Wine is one of several Schools in the Faculty of SET, and represents a world-class concentration of scientific research, education and product conferring capability, with infrastructure and resources at the Waite Campus of the University of Adelaide.

The School is the centrepiece of the Southern Hemisphere’s largest collection of expertise in plant genomics, crop improvement, plant physiology, sustainable agriculture, soil science, dryland farming, viticulture, and oenology. Research in these areas is targeted towards achieving sustainable agricultural production for healthier and environmentally resilient outcomes; optimising the economic and nutritional value of South Australia’s clean, green food and wine products; and assessing and overcoming current and potential environmental threats to the entire agroecosystem.

Our campuses are home to several co-located industry partners, affiliated researchers and research institutes of international significance. This innovative community gives students the unique opportunity to gain practical knowledge through participation in ongoing national and international research projects, and supports researchers with a rich network for collaboration and partnership.

The University is strongly committed to supporting diversity and flexibility in the workplace. Applications for part-time or other flexible working arrangements will be welcomed and will be fully considered subject to meeting the inherent requirements of the position. We particularly welcome applications from women for this role.

***Key Responsibilities***

**Strategic, Academic & Operational Leadership**

* Conceive, lead, plan and execute large-scale world-class research delivering research excellence and impact.
* Engage with relevant industry and government partners in particular PIRSA/SARDI to facilitate stakeholder engagement.
* Develop and implement innovative, collaborative and multi-disciplinary research programs with new and existing local, national and global partners including the Waite Campus partners: CSIRO, AWRI and SARDI.
* Provide excellent research training and mentoring experiences for higher-degree students, early and mid-career academics in the Faculty.
* Contribute to a one-team culture built on respect, trust, cross-collaboration, understanding, shared accountability and purpose.

**People Leadership**

* Demonstrate and promote the University’s values in interactions with staff through a strong and visible presence within the School and Faculty and set the ethical and behavioural standard for others by demonstrating moral integrity in all situations.
* Promote and engage in strategies and processes to ensure an equitable and inclusive workplace that values diversity.
* Take personal responsibility for delivery of strategic outcomes, inspiring staff to take personal accountability for their conduct and performance.
* Adopt and enhance the core values of our University, and support scientific mentorship, enthusiasm for tertiary education, and generosity with time.
* Actively participate in the University’s Planning Development Review (PDR) Framework.

**Capabilities & Behaviours**

* Strict adherence to The University’s [Behaviour and Conduct Policy and Procedures](https://www.adelaide.edu.au/hr/hr-handbook/behaviour-conduct).
* Commitment to The University’s principles of [diversity and inclusion](https://www.adelaide.edu.au/hr/organisational-development/diversity-and-inclusion).

**Key Relationships/Interactions**

* Academic Staff
* Industry Stakeholders
* Institute Directors
* Associate Head of School, Research
* Head of School, Agriculture, Food & Wine
* Executive Dean, Sciences, Engineering & Technology

***Selection Criteria***

**Qualifications/Experience**

**Level C**

**Essential:**

1. An outstanding national record of research distinction and impact in agriculture, with an emphasis on having delivered outcomes leading to resilience and/or enhanced sustainability measures.
2. Evidence of an inspirational leadership style that promotes a culture of engagement, collaboration, commitment and exceptional performance.
3. Evidence of contributions in developing research programs of significant scope and scale.
4. Demonstrated ability to secure research investment from national/international competitive agencies.
5. Demonstrated ability to forge meaningful external relationships with relevant industry stakeholders and professional bodies.
6. Evidence of excellence in research training at the postgraduate level.
7. Excellent personal and interpersonal skills and capacity to work effectively internally across the University community.

***Personal values and attributes***

1. Passionate and unequivocal commitment to excellence and ongoing improvement of performance in higher education.
2. Excellent interpersonal skills and capacity to work effectively with the Head of School, Agriculture, Food & Wine and senior leaders of the University.
3. Accessible and approachable with a commitment to equity and diversity, including reconciliation.
4. Exemplary personal qualities fully aligned with our institutional values of integrity, respect, collegiality, excellence and discovery.
5. Energy, tenacity and sound judgement.