

Digital Agriculture Scientist

College/Division	College of Sciences and Engineering
School/Section	Tasmanian Institute of Agriculture
Location	Launceston
Classification	Level B
Reporting line	Reports to the Centre Leader for Agricultural Systems

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social, and cultural future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

Close relationships across the agriculture and food sectors locally, nationally and globally ensure research and education programs are aligned with industry needs and aspirations. TIA is proud of its capacity to develop timely, flexible, industry-facing solutions through four strategically aligned Centres: Livestock Production; Horticulture; Agriculture Systems; and Food Safety and Innovation. Each Centre within TIA has a clear role in the University's place based globally relevant agenda ensuring integrated engagement and impact.

We are seeking to appoint a Digital Agriculture Scientist in the [Tasmanian Institute of Agriculture](#) which is part of [The College of Sciences and Engineering](#).

TIA delivers premier research, development, extension and education programs with strong links to key stakeholders in industry through its Joint Venture with the Tasmanian Government. TIA contributes to the development of prosperous, innovative and sustainable rural industries and communities through impact-focused education, research, development and extension initiatives.

Applications are invited from motivated and enthusiastic individuals with a record of high-quality research and teaching in the Digital Agriculture, Precision Agriculture or Agricultural Technology disciplines. This position will be a key contributor to research within the Tasmanian Institute of Agriculture.

The position will be based in Launceston and will be offered for a three-year initial period and the likelihood of it being expanded for up to 5 years.

We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining, and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age, and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.

What You'll Do

- Deliver learning and teaching in agriculture technology and innovation to undergraduate and postgraduate students enrolled in the Bachelor of Agricultural Science and Master of Applied Science.
- Lead or participate in research activities to
 - (i) support adoption of agricultural technologies,



- (ii) evaluate and integrate 3rd party technologies and/ or data to Tasmanian agricultural applications,
- (iii) integrate new technologies into existing farming systems,
- (iv) develop and commercialise new IP.
- Support TIA staff and students through the provision of expert advice to research projects requiring experience in digital agriculture and technology.
- Liaise with agricultural industries, government, NGOs, and other stakeholders to identify research priorities and funding opportunities especially those related to digital agriculture and agricultural technology.
- Contribute to the development and maintenance of productive and effective links inside the University and locally and nationally with the discipline, relevant interdisciplinary domains, profession, industry and/or wider community.

What We're Looking For (success criteria)

- A PhD or equivalent in digital agriculture, precision agriculture, agricultural engineering, or mechatronic engineering specialising in agricultural applications.
- A good portfolio in University-level learning and teaching that includes teaching practice, contemporary curriculum design and scholarship of learning and teaching.
- A strong and continuing commitment to a research portfolio that has achieved national recognition and made notable contributions to Digital Agriculture.
- Experience with some of the following systems and applications; GIS systems, mechatronics and instrumentation, agricultural IOT and sensor networks, sensor-based data, and precision agriculture technology and practice.
- Ability to identify and to support the removal of barriers in the adoption of technology in agriculture.
- A working knowledge of IP commercialisation
- High level communication and interpersonal skills including experience and proven ability to communicate effectively with a range of stakeholders, research specialists and organisations.
- Capacity to build and maintain effective and productive links locally, nationally, and internationally with the discipline, interdisciplinary domain, profession, industry and/or wider community.

Other position requirements

- Drivers licence.
- Regular intrastate travel.
- Willingness to undertake a medical assessment based on meeting the inherent position requirements.

University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students, and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

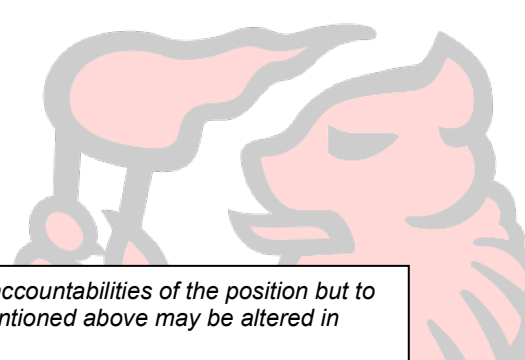


Check out more here:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.



It is not the intention of the position description to limit the scope or accountabilities of the position but to highlight the most important aspects of the position. The aspects mentioned above may be altered in accordance with the changing requirements of the role.