

Research Assistant – Salmon Growth Performance, Experimental Aquaculture Facility

College/Division	College of Sciences and Engineering
School/Section	IMAS – Fisheries and Aquaculture
Location	IMAS Taroona
Classification	Academic Level B
Reporting line	Professor of Aquaculture Nutrition

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 culture 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.

We are seeking to appoint a Research Assistant – Salmon Growth Performance, Experimental Aquaculture Facility in the [Fisheries and Aquaculture Centre](#) is part of [the Institute for Marine and Antarctic Studies](#).

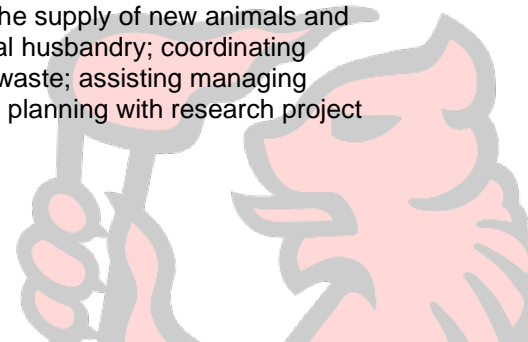
The Experimental Aquaculture Facility (EAF) at Taroona provides a world class platform for commercially relevant aquaculture research to ensure the economic and environmental sustainability of aquaculture in Tasmania. The EAF is a partnership with Skretting Australia and Huon Aquaculture, and this position is supported by the State Government through the SMRCA. The EAF is designed around recirculation technology and designed for large marine fish, particularly Atlantic salmon. As part of IMAS it is part of an extensive research network.

IMAS seeks to recruit a research assistant with to work with Professor Chris Carter, IMAS Professor of Aquaculture Nutrition, on aspects of Atlantic salmon growth performance and in relation to key factors such as environment, nutrition and health. The appointee will have potential to work across topics relevant to salmon aquaculture and aspire to achieve research excellence and commercial impact. The successful applicant is expected to be able to coordinate research partnerships; coordinate development of student research projects; assist in on-site management of students; manage historical and new datasets from the EAF; collate and review literature; have excellent numerical and writing skills; and conduct some practical work that support projects in the EAF. The position is negotiable and offered on a full time basis and for a fixed term of 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

- Assist the EAF Manager in maintaining the operational integrity of the EAF infrastructure to ensure continuous operation and minimal disruption by ensuring experiments are designed to meet EAF SOPs.
- Manage animal usage for IMAS EAF experiments including: compliance with Animal Ethics; organising and completing paperwork for Animals Ethics; monitoring the supply of new animals and stock production to meet research needs; liaising on day-to-day animal husbandry; coordinating termination of experiments, management of samples and disposal of waste; assisting managing unforeseen events such as disease or system failure. This will require planning with research project



leaders and participants and liaising with the EAF Manager to ensure procedures are in place to determine activity for all researchers.

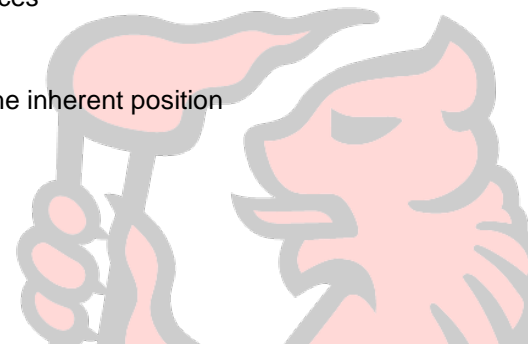
- Manage logistics of IMAS EAF experiments through activity such as generating purchase orders, processing financial invoices, keeping records of expenditure and follow on financial enquiries.
- Develop a data management procedure for retrieving, retaining and using data generated from EAF Experiments. Primarily from IMAS EAF experiments but to include data from partners when possible. Key uses of data to include direct use, added-value research, modelling, data-based student research projects (e.g. Honours and Masters), benchmarking and providing data for open access data websites.
- Develop and undertake a research program with the supervisor that is based around EAF Experiments and associated resources as well as seeking funding outside of the EAF. This would include co-supervision of student research projects. In addition, to carry out other research tasks as directed by supervisor to assist the supervisor in promoting EAF research outcomes and outputs: may range from reviewing literature, production of draft figures, tables and PowerPoint slides.
- Active participation in IMAS EAF experiments including planning, coordination and sampling.
- Effective task-orientated time management, regular self-managed interaction with supervisor with all activities to be agreed with supervisor.
- Undertake other duties as assigned by the supervisor.

What We're Looking For (success criteria)

- A PhD in an area relevant to salmon aquaculture, ectotherm performance and or biological data management. Relevant experience in industry or a research organisation would be an advantage.
- Practical and extensive experience of biological based research on aquatic ectotherms with demonstrated ability to publish in peer-reviewed literature as both a lead and as a co-author. Demonstrated ability to meet reporting requirements including intermediate and final reports.
- Demonstrated ability to participate and coordinate research projects amongst various internal and external stakeholders and in a way that is responsive to a variety of desired outcomes and outputs. Proven ability to supervise and manage staff, students and researchers from external organisations to ensure a safe and efficient workplace.
- Demonstrated or evidence of ability to manage datasets generated by EAF Experiments so the data is suitable for a variety of uses, both within an experiment and across other EAF data sets.
- Practical experience of the day-to-day maintenance of animals to the highest ethical standards. Demonstrated experience in practical aspects of experiments on aquatic ectotherms including taking samples.
- Demonstrated or evidence of ability to co-supervise students undertaking research projects including Honours, Masters and HDR level.
- High level oral, written and interpersonal skills, and the ability to interact effectively with a wide range of people and organisations and negotiate with senior representative from internal and external organisations.
- Demonstrated high level organisational skills and a capacity to act independently with established guidelines, using direction and sound judgement.

Other position requirements (delete those not applicable)

- Practical and theoretical experience of aquaculture recirculation systems and water quality management, preferably for seawater under temperate environmental conditions.
- Current first aid certificate.
- Current driver's licence.
- Working with experimental animals, including euthanising
- Laboratory and workshop activities and handling hazardous substances
- Undertaking manual handling and lifting >10kg
- 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.

