

Position Title	Research Associate
Classification	Level A (Research)
School/Division	Human Sciences
Centre/Section	Anatomy, Physiology, and Human Biology
Supervisor Title	Senior Principal Research Fellow
Supervisor Position Number	319486
Position Number	NEW

Your work area

The School of Human Sciences is a large multidisciplinary school with research and teaching focused on better understanding what it is to be human, from our structure, function, development and genetics, to adaptation, performance and evolution. The School is situated on the banks of the Swan River in Perth.

The School of Human Sciences was formed in 2017 as an amalgamation of the School of Anatomy, Physiology & Human Biology and the School of Sports Science, Exercise and Health. The School is one of the largest in the University and makes a significant contribution to the BSc majors in Anatomy and Human Biology, Physiology, Neuroscience, Biomedical Science and Sports Science. The School also contributes to medical, dental and paramedical education in all tertiary institutions within Western Australia.

Reporting structure

Reports to: Senior Principal Research Fellow

Your role

This position involves contributing to a program of work focused on maternal and fetal physiological response to antenatal exposures. The position is part of a large transdisciplinary team. The appointee will work with support and guidance from more senior academic colleagues and is expected to develop their expertise in research with an increasing degree of autonomy.

The appointee will be expected to work as part of a team on experimental sheep models of pregnancy. Your work will be primarily undertaken within the Preclinical Intensive Care Research Unit (PICRU) – a state of the art preclinical translational unit located in the Large Animal Facility at the University of Western Australia. A key focus of the position will be investigating the effects of extreme heat on pregnancy complications by utilising biotelemetry to assess maternal and fetal physiological response.

Your key responsibilities

Contributes to research outcomes within discipline or area of expertise

- Work with a research team on perinatal ovine models, including surgical procedures.
- Sample analysis including physiology, histology and molecular biology techniques.

- Visualise, present, and publish data.
- Plan and coordinate a range of administrative functions including organising study logistics and orders.

Service and Engagement

- Contribute to the governance and collegial life within the School, across the Faculty and University and more broadly outside the institution
- Work within the legislative requirements of the University and support the University's commitment to inclusion and diversity.
- Contribute to team activities such as team and school meetings.
- Perform other duties as directed by the line manager.

Your specific work capabilities (selection criteria)

Qualifications and / or certifications

- Completed 4 years of tertiary study or equivalent qualifications and experience and hold a relevant higher degree in academic field relevant to the discipline

Research

- Experience in working with ovine models and expertise in surgical techniques.
- Demonstrated commitment in participating in high quality research evidenced by peer-reviewed journal articles published in respected scholarly journals
- Highly developed written and communication skills
- Highly developed organisation skills with the demonstrated ability to set priorities and to meet deadlines.
- Ability to work independently, show initiative, problem solve and work productively as part of a team.

Service/ Engagement

- Demonstrated ability to relate well to staff and students at all levels and evidence of a commitment to equity and diversity principles
- Demonstrated ability to positively contribute to team, school and wider University activities such as team and school meetings, outreach activities, discipline contributions.

Special requirements (selection criteria)

Occasional weekend work and some after-hours work may be required dependent on experimental requirements.

Able to meet the physical requirements of the position.

Compliance

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

To learn more about the Code of Conduct, see [Code of Conduct](#).

To learn more about Diversity, Equity and Inclusion, see [Diversity, Equity and Inclusion](#).

To learn more about Safety, Health and Wellbeing, see [Safety, Health and Wellbeing](#).

To learn more about Animal Ethics, see [Animal Ethics](#)