

POSITION DESCRIPTION

RESEARCH ASSOCIATE

POSITION LEVEL	Level A
FACULTY/DIVISION	Medicine
POSITION NUMBER	00089471
ORIGINAL DOCUMENT CREATION	18/12/ 2020

POSITION SUMMARY

The School of Women's & Children's Health (SWCH) is comprised of the clinical disciplines of Obstetrics & Gynaecology and Paediatrics, and the National Perinatal Epidemiology Statistics Unit (NPESU). Clinical academics in the School are located at the Royal Hospital for Women, Sydney Children's Hospital, St George and Bankstown Hospitals, with teaching contributions made in Paediatrics at the Sutherland, Liverpool and Campbelltown Hospitals. The main administrative centre for the School is based at the Royal Hospital for Women and Sydney Children's Hospital (SCH) Randwick.

We are a multidisciplinary team of medics (obstetrical and neonatal) and engineers (biomedical engineering and computer science) working with raw ultrasound data to devise new ways to evaluate the fetus and neonate. For more information on the Perinatal Imaging Research Group (PIRG) please visit the following link: <https://wch.med.unsw.edu.au/maternal-fetal-medicine>

The Research Associate will be responsible for providing specialised ultrasound scanning skills and research assistance to the Professor of Maternal Fetal Medicine in activities associated with a research focus in the area of fetal doppler evaluation. This will include the contribution and application of knowledge in the field of maternal fetal medicine to develop novel ultrasound/Doppler imaging techniques for the human fetus to a range of projects conducted within the Perinatal Imaging Research Group.

ACCOUNTABILITIES

Specific accountabilities for this role include:

- Contribute independently or as a team member in collaborative research with a focus to enhance the quality of research outcomes in the discipline area.
- Conduct research (as per the norms of the discipline) and/or enable research teams to create scholarly output that is recognised by peers.

- Undertake specific research project/s under the guidance of a research leader and contribute to development of research activities.
- Support the dissemination of research outcomes through appropriate channels and outlets.
- Undertake discipline-appropriate research activities, e.g. surveys, literature reviews, data gathering and/or recording of results using appropriate research methods.
- Participate in and/or present at conferences and/or workshops relevant to the project as required.
- Assist with the supervision of research students in the research area where required.
- Recruit women for ultrasound research studies and perform maternal-fetal ultrasound and develop research initiatives in areas relating to novel fetal imaging techniques and Doppler ultrasound
- Prepare and submit relevant applications for ethical approval for imaging research studies
- Contribute to the development of ultrasound research projects according to departmental requirements.
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

SKILLS AND EXPERIENCE

- A PhD in a related discipline, and/or relevant work experience.
- Qualified and hold current accreditation with ASUM or ASAR as a registered Sonologist.
- Proven ability to perform basic ultrasound scanning, including biometric measurement and at least limited morphological and Doppler assessment prior to commencing is essential
- Proven commitment to proactively keeping up to date with discipline knowledge and developments.
- Demonstrated ability to undertake high quality academic research and conduct independent research with limited supervision.
- Demonstrated track record of publications and conference presentations relative to opportunity.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Evidence of highly developed interpersonal skills.
- Demonstrated ability to communicate and interact with a diverse range of stakeholders and students.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

PRE-EMPLOYMENT CHECKS REQUIRED FOR THIS POSITION

ABOUT THIS DOCUMENT

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.