

Public Profile

Georgia Williams is a Research Radiographer and National Imaging Facility Fellow at SAHMRI Preclinical, Imaging & Research Laboratories (PIRL) in Gilles Plains.

Georgia assists in the development of protocols and delivery of imaging for large animal preclinical research, veterinary diagnostics, and industry.

Qualifications

Bachelor's Degree (Honours), Bachelor of Medical Radiation Science (Honours) (Medical Imaging), University of South Australia

2014 → 2017

Award Date: 17 Apr 2018

Masters, Master of Magnetic Resonance Technology, University of Queensland

Jun 2020 → Dec 2023

Award Date: 15 Dec 2023

Graduate Certificate, Graduate Certificate in Health Services Management (Safety & Quality), University of Tasmania

Jun 2021 → Aug 2022

Award Date: 18 Aug 2022

Employment

Research Radiographer

Preclinical Imaging And Research Laboratories

South Australian Health and Medical Research Institute

6 Apr 2020 → present

Research outputs

In vivo Assessment of AMP2, a Novel Ceramic-Binding BMP-2, in Ovine Lumbar Interbody Fusion

Christou, C., Varcoe, T., Williams, G., Heil, T., Leifeld, S., Park, H., Peckham, S., Stewart, D., Greenbaum, J., Wang, T., Pelletier, M., Walsh, W. & Alvarez, L., 2024, (Accepted/In press) In: *Spine*.

Maternal tadalafil treatment does not increase uterine artery blood flow or oxygen delivery in the pregnant ewe

Darby, J. R. T., Flouri, D., Cho, S. K. S., Williams, G. K., Holman, S. L., Meakin, A. S., Wiese, M. D., David, A. L., Macgowan, C. K., Seed, M., Melbourne, A. & Morrison, J. L., 2024, (Accepted/In press) In: *Experimental Physiology*.

Post-Myocardial Infarction Remodeling and Hyperkinetic Remote Myocardium in Sheep Measured by Cardiac MRI Feature Tracking

Cho, S. K. S., Darby, J. R. T., Williams, G. K., Holman, S. L., Rai, A., Van Amerom, J. F. P., Fan, C. P., Macgowan, C. K., Selvanayagam, J. B., Morrison, J. L. & Seed, M., 2024, (Accepted/In press) In: *Journal of Magnetic Resonance Imaging*.

Acute resveratrol exposure does not impact hemodynamics of the fetal sheep

Darby, J. R. T., Williams, G. K., Cho, S. K. S., Meakin, A. S., Holman, S. L., Quinn, M., Wiese, M. D., Macgowan, C. K., Seed, M. & Morrison, J. L., Jun 2023, In: *Physiological Reports*. 11, 12, e15749.

MRI Characterization of Blood Flow and Oxygen Delivery in the Fetal Sheep whilst Exposed to Sildenafil Citrate

Morrison, J. L., Williams, G. K., Cho, S. K. S., Saini, B. S., Meakin, A. S., Holman, S. L., Quinn, M., Wiese, M. D., Macgowan, C. K., Seed, M. & Darby, J. R. T., 1 Dec 2022, In: *Neonatology*. 119, 6, p. 735-744 10 p.

The susceptibility of the aortic root: porcine aortic rupture testing under cardiopulmonary bypass

Surman, T. L., Abrahams, J. M., Manavis, J., Finnie, J., Christou, C., Williams, G. K., Walls, A., Frantzis, P., Adams, M., Edwards, J., Worthington, M. G. & Beltrame, J., Dec 2021, In: *Journal of cardiothoracic surgery*. 16, 1, 283.

Systematic review of pain in clinical practice guidelines for management of copd: A case for including chronic pain?

Lewthwaite, H., Williams, G., Baldock, K. L. & Williams, M. T., Mar 2019, In: *Healthcare (Switzerland)*. 7, 1, 15.

