

Current Employment

Position: Indigenous Imaging Fellow.

Based at: Hunter Medical Research Institute.

Affiliation: Systems Neuroscience, College of Engineering, Science and Environment, the University of Newcastle.

Date started: 11th July 2022.

Position: Casual lecturer & co-chair of the Indigenous student engagement committee.

Based at: Callaghan Campus.

Affiliation: School of Biomedical Sciences and Pharmacy, College of Health, Medicine and Wellbeing, the University of Newcastle.

Date started: 3rd March 2022.

Position: Post-doctoral Researcher.

Based at: Hunter Medical Research Institute.

Affiliation: Aboriginal Ear Health, College of Health, Medicine and Wellbeing, the University of Newcastle.

Date started: 19th July 2021.

Position: Technical Assistant.

Based at: Hunter New England Local Health District.

Affiliation: NSW Health.

Date started: 19th July 2021.

Position: Indigenous Tutor.

Based at: Birabahn Building, Callaghan Campus.

Affiliation: Academic Division, the University of Newcastle and Wollotuka Institute.

Date started: 30th March 2020.

Employment History (last 10 years)

2022-2022: Sessional academic, College of Health, Medicine and Wellbeing, the University of Newcastle. Supervised by Prof. Carole James.

2021-2022: Research Assistant, College of Health, Medicine and Wellbeing, the University of Newcastle. Supervised by Prof. Jodie Simpson.

2018-2018: Laboratory Demonstrator, School of Biomedical Sciences and Pharmacy, the University of Newcastle. Supervised by Prof. Jay Horvat.

2011-2013: Customer Service Manager, Harvey Norman Computers, Port Macquarie.

Current Education

Degree: Joint Medical Program (Bachelor of Medical Science & Doctor of Medicine)

Affiliation: College of Health, Medicine and Wellbeing, the University of Newcastle.

Date started: 22nd February 2021.

Expected completion: December 2025.

Previous Education

2021 Doctor of Philosophy (Immunology & Microbiology), the University of Newcastle.
Awarded on 4th August.

2017 Bachelor of Biomedical Science Honours, the University of Newcastle.

Awarded 1st Class.

- 2016** Bachelor of Biomedical Science, the University of Newcastle.
High Distinction: Projects in Biomedical Science (92), Advanced Professional Skills in Biomedical Science (88) and Statistics for the Sciences (85).
Distinction: Bioinformatics & Functional Genomics (84), Mammalian Growth & Development (81), Biomedical Science I (81), Human Infection and Immunity I (79) & II (80), Advanced Skills in Research Design (79), Human Biochemistry & Cell Biology (79), Human Pathophysiology (77), Human Genomics and Biomolecular Analysis (77) and Intro Professional Skills in Biomedical Science (75).
- 2013** Bachelor of Art, the University of Newcastle.
Incomplete, provided entry to Biomedical Science.
- 2009** Diploma of IT in Networking and Administration, TAFE Port Macquarie.
- 2008** Certificate III of IT in Networking and Administration, TAFE Port Macquarie.
- 2007** Higher School Certificate, St. Paul's College West Kempsey.

Research Grants

- 2022** Awarded research pilot funding as Chief Investigator in the amount of \$10,000 from the University of Newcastle's College of Health, Medicine and Wellbeing.

Significant Research Contributions

- 2019** Data which I assisted to generate and analyse was utilised in a successful Project Grant of \$501,022 from the National Health & Medical Research Council (G1800058).
- 2019** I assisted with a successful philanthropically supported Project Grant of \$25,000 from the Hunter Medical Research Institute (G1900370).
- 2018** Pilot funding for a philanthropically supported Project Grant for \$57,000 from the Hunter Medical Research Institute (G1800435) was obtained based on an *in vivo* model I established.
- 2017** I made significant contributions to a philanthropically supported Project Grant for \$20,000 from the Hunter Medical Research Institute (G1700006) which funded my work in publication #2.
- 2017** A successful Discovery Early Career Researcher Award of \$390,307 from the Australian Research Council (G1600344) was obtained using data which I assisted to generate and analyse.
- 2017** University research support of \$15,000 from The University of Newcastle (G1701000) was received for obtaining the above funding which I made significant contributions to.

Prizes and Awards

- 2021** Received the Indigenous STEM professional career achievement award from the CSIRO and BHP Foundation.
- 2019** First prize for the Society for Leukocyte Biology image contest to celebrate international Immunology day, images were featured on the front page of the society's official newsletter. These images relate to my work in publication #2.
- 2018** Australian Post Graduate Award PhD Scholarship (Research Training Scheme).
- 2017** Winner of the month for the Beautiful Science competition from The University of Newcastle.
- 2017** Priority Research Centre GrowUpWell Honours Scholarship from The University of Newcastle.
- 2016** Summer Research Scholarship from the University of Newcastle.
- 2015** Summer Research Scholarship from the University of Newcastle.

Conference Abstracts

- 2019** 14th World Congress on Inflammation.
Declined offer, unable to afford accommodation during event.

- 2019** Newcastle Satellite Scientific Meeting of the Australian Society for Medical Research.
Oral presentation (1st author) and poster presentation (2nd author).
- 2019** 25th edition of the International Society of Nephrology's World Congress of Nephrology.
Poster presentation (1st author).
- 2018** 47th Annual Scientific Meeting of the Australasian Society for Immunology.
Poster presentation (1st author).
- 2018** The 3rd International Conference on Innate Lymphoid Cells.
Poster presentation (1st author).

Publications

Publication summary: Total 7 publications (2 as 1st author) in high quality, peer-reviewed international journals (59 citations, h-index 5). Metrics: <https://publons.com/researcher/1692710>

Original articles

Impact factor, citation indicator & ranking from: <http://jcr.incites.thomsonreuters.com>

- 1.** Donovan C, Starkey MR, Kim RY, Rana BMJ, Barlow JL, Jones B, Haw TJ, Mono Nair P, Budden K, Cameron GJM, Horvat JC, Wark PA, Foster PS, McKenzie ANJ, Hansbro PM. Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. *J Leukoc Biol.* 2019 Jan;105(1):143-150. doi: 10.1002/JLB.3AB0518-178R. Epub 2018 Sep 27. **Citations = 28. Ranked 87/175 in Cell Biology, 25/76 in Hematology, 61/162 in Immunology by Impact Factor (4.962). Ranked 82/201 in Cell Biology, 27/93 in Hematology, 73/177 in Immunology by Citation Indicator (0.80).**
- 2.** Cameron GJM, Cautivo KM, Loering S, Jiang SH, Deshpande AV, Foster PS, McKenzie ANJ, Molofsky AB, Hansbro PM, Starkey MR. Group 2 Innate Lymphoid Cells Are Redundant in Experimental Renal Ischemia-Reperfusion Injury. *Front Immunol.* 2019 Apr 16;10:826. doi: 10.3389/fimmu.2019.00826. **Citations = 17. Ranked 24/162 in Immunology by Impact Factor (7.561). Ranked 46/177 in Immunology by Citation Indicator (1.06).** *Second 1st author publication of my PhD demonstrating that although immune cells can be artificially activated to prevent kidney recovery following injury, specific depletion or deficiency does not impair tissue recovery. Images from this publication were featured on the front page of the society's official newsletter and were awarded first prize for the Society for Leukocyte Biology image contest to celebrate international Immunology day.*
- 3.** Starkey MR, Plank MW, Casolari P, Papi A, Pavlidis S, Guo Y, Cameron GJM, Haw TJ, Tam A, Obiedat M, Donovan C, Hansbro NG, Nguyen DH, Nair PM, Kim RY, Horvat JC, Kaiko GE, Durum SK, Wark PA, Sin DD, Caramori G, Adcock IM, Foster PS, Hansbro PM. IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. *Eur Respir J.* 2019 Jul 18;54(1):1800174. doi: 10.1183/13993003.00174-2018. **Citations = 21. Ranked 3/64 in Respiratory System by Impact Factor (16.671). Ranked 3/96 in Respiratory System by Citation Indicator (2.97).**
- 4.** Loering S, Cameron GJM, Bhatt NP, Belz GT, Foster PS, Hansbro PM, Starkey MR. Differences in pulmonary group 2 innate lymphoid cells are dependent on mouse age, sex and strain. *Immunol Cell Biol.* 2021 May;99(5):542-551. doi: 10.1111/imcb.12430. Epub 2021 Jan 13. **Citations = 4. Ranked 80/195 in Cell Biology, 58/162 in Immunology by Impact Factor (5.126). Ranked 86/201 in Cell Biology, 79/177 in Immunology by Citation Indicator (0.76).**
- 5.** Tu X, Kim RY, Brown AC, de Jong E, Jones-Freeman B, Ali MK, Gomez HM, Budden KF, Starkey MR, Cameron GJM, Loering S, Nguyen DH, Nair PM, Haw TJ, Alemas CA, Faiz A, Tay HL, Wark PAB, Knight DA, Foster PS, Bosco A, Horvat JC, Hansbro PM, Donovan C. Airway and parenchymal transcriptomics in a novel model of asthma and COPD overlap. *J Allergy Clin Immunol.* 2022 May; S0091-6749(22)00706-0. doi: 10.1016/j.jaci.2022.04.032. **Citations = 0. Ranked 2/28 in Allergy, 15/162 in Immunology by Impact Factor (10.793). Ranked 1/37 in Allergy, 8/177 in Immunology by Citation Indicator (2.34).**

Reviews

6. Loering S, Cameron GJM, Starkey MR, Hansbro PM. Lung development and emerging roles for type 2 immunity. J Pathol. 2019 Apr;247(5):686-696. doi: 10.1002/path.5211. Epub 2019 Jan 16. **Citations = 14. Ranked 38/242 in Oncology, 5/77 in Pathology by Impact Factor (7.996). Ranked 19/310 in Oncology, 6/90 in Pathology by Citation Indicator (2.06).** *Invited review.*
7. Cameron GJM, Jiang SH, Loering S, Deshpande AV, Hansbro PM, Starkey MR. Emerging therapeutic potential of group 2 innate lymphoid cells in acute kidney injury. J Pathol. 2019 May;248(1):9-15. doi: 10.1002/path.5242. Epub 2019 Mar 5. **Citations = 13. Ranked 38/242 in Oncology, 5/77 in Pathology by Impact Factor (7.996). Ranked 19/310 in Oncology, 6/90 in Pathology by Citation Indicator (2.06).** *First 1st author publication of my PhD which identified the knowledge gap addressed in publication #2.*

Referees

Available on request.