

Dr Adrienne Jenner

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Career Interruption and FTE (full time equivalent) variation from 1.0

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|----------------------|------------------------------------|
| Sep 2025 – current | FTE 0.5 |
| July 2025 – Sep 2025 | FTE 0.8 |
| Nov 2024 – July 2025 | FTE 0.0 Maternity Leave (7 months) |

Professional experience FTE 1.0

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|--------------------|---------------------|---|
| Dec 2023-current | Senior Lecturer, | School of Mathematical Sciences, QUT, Brisbane, Australia |
| Jan 2021- Dec 2023 | Lecturer, | School of Mathematical Sciences, QUT, Brisbane, Australia |
| Oct 2019-Jan 2021 | Postdoctoral Fellow | University of Montreal, Montreal, Canada |

Education

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|-----------|---|---|
| 2015-2019 | Doctor of Philosophy, Applied Mathematics, | University of Sydney, Sydney, Australia |
| 2014-2015 | Bachelor of Science, Honours (First Class), | University of Sydney, Sydney, Australia |
| 2010-2013 | Bachelor of Mathematics (Distinction), | University of Wollongong, Wollongong, Australia |

Research grants

Total \$1,329,619

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| 2024 | Australian Research Council Discovery Early Career Researcher Award (DECRA) | \$443,237 |
| 2023 | Faculty of Science Research Group: Computational Bioimaging Group (lead CI) | \$150,000 |
| 2023 | Australian Research Council Discovery Project (2nd CI) | \$586,000 |
| 2023 | Helibronn Institute for Mathematical Research | £2,880 GBP |
| 2022 | QUT Early Career Researcher Scheme | \$20,000 |
| 2022 | QUT Mathematical School Research Support Scheme | \$1,800 |
| 2021 | Centre for Data Science First Byte Funding Scheme (Second round) | \$10,000 |
| 2021 | Centre for Data Science First Byte Funding Scheme (First round) | \$10,000 |
| 2019 | Quebec Health Research Funds (FRQS) Postdoctoral Scholarship | 90,000 CAD |
| 2019 | Australian Mathematics Society Lift-Off Fellowship | \$5,000 |
| 2018 | Australian Federation of Graduate Women Tempe Mann Scholarship | \$8,000 |
| | + others | |

Travel grants and conference funding

Total \$20,365

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| 2025 | SMB International Conference Grant | 5,000 USD |
| 2025 | ANZIAM MATRIX funding | \$2,000 |
| 2025 | MACSYS conference funding support | \$3,000 |
| 2023 | London Mathematical Society (LMS) travel support scheme | £2,000 GBP |
| | + others | |

Recent prizes

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| 2024 | Society for Industrial and Applied Mathematics (SIAM) Life Sciences Early Career Prize |
| 2023 | QUT Faculty of Science ECR/MCR researcher of the year |
| 2023 | QUT Faculty of Science Finalist for ECR/MCR teacher of the year |
| 2023 | ANZIAM Cherry Ripe prize for best academic presentation |
| 2022 | ANZIAM Cherry Ripe prize for best academic presentation |

Publication summary (full list available on my [Google Scholar](#) page)

- Published 38 peer-reviewed papers on topics such as immunology, cancer research, COVID and multiple sclerosis
- Over 912 citations
- h-index of 16 and i10-index of 26
- 13 publications in the top 25% most cited for their field, 4 publications in the top 10% most cited for their field (Scopus)
- 79% of publications in Q1 journals, 29% of publications in D1 journals
- High impact journals: *PLoS Computational Biology*, *iScience*, *PLoS Pathogens*, *Chemical Reviews*.

PhD supervision

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| 2025-current | Splithoof Rivera | Associate supervision |
| 2024-current | Tristen Jackson | Principal supervision |
| 2024-current | Mason Levy | Principal supervision |
| 2024-current | Luke Filippini | Associate supervision |
| 2024-current | Erfanul Chowdhury | Associate supervision |
| 2023-current | Georgia Weatherley | Principal supervision |
| 2022-current | Kaitlyn Brown | Principal supervision |
| 2021-2025 | Noa Levi | Associate supervision |
| 2021-2024 | Dr Xiaoyu Wang | Principal supervision |
| 2020-2024 | Dr Justin Le Sauteur | Associate supervision |

Honours supervision

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| 2025 | Splithoof Rivera | Associate supervision |
| 2022 | Georgia Weatherley | Principal supervision |
| 2021 | Jaymie Tilbury | Associate supervision |
| 2021 | Noa Levi | Associate supervision |

Plenary presentations

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| 2026 | Plenary for European Conference for Mathematical and Theoretical Biology (ECMTB) co-hosted with the Society for Mathematical Biology (SMB) |
| 2025 | Plenary for Queensland Immunology Networking Symposium |
| 2024 | Plenary at the Society for Industrial and Applied Mathematics (SIAM) Life Sciences (LS) conference, Portland, US |
| 2024 | Plenary at the Australian and New Zealand Industrial and Applied Mathematics society (ANZIAM) Annual Meeting, Hahndorf, Australia |
| 2024 | Plenary speaker at the QUT Women in Research Symposium, Brisbane, Australia |
| 2023 | Plenary at the European Molecular Biology Organisation (EMBO) and Barcelona Super Computing (BSC) “Computational models of life: From molecular biology to digital twins” workshop, Sant Feliu de Guixols, Spain |
| 2023 | Plenary at the South Australian ANZIAM Annual Meeting, Port Adelaide, Australia |

Organised workshops

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| 2026 | MATRIX Workshop “Collaborative workshop for Under-represented genders advancing Mathematical Biology” |
| 2023 | Banff International Research Station (BIRS) “Computational modelling of cancer biology and treatments” |
| 2023 | Mathematical Biology Special Interest Group (MBSIG) Annual Meeting |
| 2021 | Centre of Mathematical Research (CRM) “Computational modelling of cancer biology and treatments” |
| 2020 | Centre of Mathematical Research (CRM) and Centre for Applied Mathematics in Biosciences and Medicine (CAMBAM) “Computational modelling to study cancer biology and treatments” |

ANZIAM and AustMS activity

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| 2024-current | Secretary for the Mathematical Biology Special Interest Group (MBSIG) in Australia |
| 2024-2025 | Website editor for the Women in Mathematics Special Interest Group (WIMSIG) in Australia |
| 2023-2025 | QLD Representative at ANZIAM executive |
| 2023 | MBSIG Workshop organiser at ANZIAM 2023 |
| 2022-2023 | TM Cherry Prize Committee member ANZIAM 2022 and ANZIAM 2023 |
| 2022 | ANZIAM Invited Speaker Committee member |

Research leadership

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| 2023-current | Leader of the QUT Computational Bioimaging Group |
| 2022-current | Leader and founder of the QUT Mathematics in Medicine (MiM) research group |
| 2024-current | Associate Editor for Mathematical Biosciences |
| 2021-2024 | Associate Editor for PLOS Computational Biology |
| 2021-2025 | Website publication committee member Society for Mathematical Biology |
| 2021-current | Editor at ImmunoInformatics |

Research recognition and media

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| 2024 | BMB Article Highlight |
| 2024 | SIAM Life Sciences Prize Spotlight |
| 2023 | Society for Mathematical Biology Interview and Feature Figure |
| 2021 | Mathonco blog “In silico clinical trials improved the discovery to approve pipeline” |
| 2021 | Invited contribution to the Mathematical Oncology Blog |
| 2019 | Presenter at the live Ockham’s Razor Event as part of Vivid Sydney |
| 2018 | Interviewed on the ABC 7.30 Report |