



# Jonah Gannon

## Astrophysics Research Fellow

### Education & Employment

Research Fellow	Dragonfly Focused Research Organisation	2026 -
Adjunct	Swinburne University of Technology	2026 -
Director's Astrophysics Research Fellow	Swinburne University of Technology	2022 - 2025
PhD Thesis	Swinburne University of Technology	2019-2022
Graduate Certificate of Research and Innovation Management	Swinburne University of Technology	2019-2020
Master of Physics	The University of Western Australia	2016-2017
Bachelor of Science	The University of Western Australia	2013-2016

#### Address

Currently in Transit

#### Email

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#### Telephone

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#### ORCID

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#### LinkedIn

linkedin.com/in/[JonahGannon/](#)

#### Website

gannonjs.github.io/

### Research Interests

Galaxy formation and evolution; galactic dynamics; dwarf galaxies; ultra-diffuse galaxies; dark matter; globular clusters; stellar populations; stellar halos; low surface brightness imaging and spectroscopy; astronomical surveys; image reduction techniques; instrumentation.

### Grants, Honours & Awards (Approximate Value)

PASA Dawes Review Lead Author	2026
Col Spanish Science Ministry Grant (€258 250)	2025
Swinburne University's School of Science Research Excellence Award (ECR)	2024
Australia Germany Joint Research Cooperation Scheme, DAAD (\$12 500)	2025
Finnish Centre for Astronomy with ESO Visitor Programme (€2500)	2025
Instituto de Astrofísica de Canarias Early Career Visiting Fellowship (€5000)	2023
Col Spanish Plan Nacional Grant (€150 000)	2022
European Astronomical Society Grant (€500)	2022
Betty Bennett Award for Academic Excellence	2021
Astronomical Society of Australia Student Travel Grant (\$1000)	2019
Masters Thesis Awarded with Distinction	2019
New Colombo Plan Scholar (\$7500)	2015

### Selected Teaching, Service & Leadership

ASA Science Meets Parliament Representative	2026
SOC Chair: 10 Years of Ultra-Diffuse Galaxies Conference	2025
SOC Chair: AGATE x Astro3D Workshop	2023
A&A Reviewer	2025 -
ApJ Reviewer	2024 -
Swinburne University TAC Technical Assessor	2023 - 2025
Swinburne University Diversity and Equity Committee Representative	2019 - 2024
Pan African School for Emerging Astronomers Volunteer	2022
Astrotour Outreach Guide	2019 - 2022
Journal Club Organiser	2016 - 2017
Vice President (Education) UWA Mathematics Union	2015

## Observational Experience

I am extremely privileged to have had access to the 10m Keck Telescopes via Swinburne University's Partnership with the observatory. As such, I have extensive experience and expertise with optical astronomy and, in particular, optical spectroscopy.

<b>KCWI/Keck II</b> (inc. Principal Investigator, Lead Observer, writing of proposals, target preparation, data reduction and data analysis)	33.5 Nights
<b>DEIMOS/Keck II</b> (inc. Principal Investigator, Lead Observer, writing of proposals, target preparation, data reduction)	5 Nights
<b>HIRES/Keck I</b> (inc. Lead Observer)	3 Nights
<b>MUSE/VLT</b> (inc. Principal Investigator, target preparation, observation preparation (remote) and writing of proposals)	44 hrs
<b>NIRCam/JWST</b> (inc. Co-Investigator and writing of proposals)	10.3 hrs
<b>DECam/Victor M. Blanco 4m</b> (inc. Lead Observer, target preparation)	1 Night
<b>ATCA</b> (inc. observer)	71 hrs
<b>StarFox</b> (inc. lead commissioning observer, target preparation, telescope control software development, telescope data reduction pipeline development, data reduction and data analysis)	>500 hrs

## Selected Talks (From The Last 24 Months)

Curtin Institute for Radio Astronomy Colloquium	2026
Rubin Star Cluster Working Group Monthly Meeting	2026
Dark Galaxies Workshop Talk	2026
Benasque UDG Invited Conference Talk	2025
Oulu University Colloquium	2025
Turku University Colloquium and joint FINCA seminar	2025
Tip of the Iceberg Meeting Invited Talk	2024
Universidad Complutense de Madrid Invited Colloquium	2024
Yale University Invited Colloquium	2024
ESO Munich Lunch Talk	2024
Durham University Seminar	2024
Small Galaxies Cosmic Questions II Conference talk	2024
European Astronomical Society Annual Meeting Invited Review	2024

## Student Supervision

For each of the below students, I am/have been heavily involved at all stages of their work. I have helped gather the data they use, taught them the analysis methods, reviewed their findings, aided with the interpretation, reviewed their early paper drafts and helped with their referee responses once their papers are submitted.

Co-Supervisor: Arsen Levitskiy (PhD Student)	2024 -
Co-Supervisor: Lydia Haacke (PhD Student)	2022 - 2024
Co-Supervisor: Kelsey Hargreaves (Summer Student)	2025
Primary Supervisor: Kate Southon (Summer Student)	2024
Primary Supervisor: Daniel Lyon (Summer Student)	2023

## Publications (38 Total, 11 First Author)

An ADS library of my publications is available for your convenience [here](#). I have in excess of 700 total citations across these publications. My  $h$ -index is currently 16.

### First Author

1. **Gannon J. S.**, et al., 2026, PASA, Accepted, arXiv:2602.21875
2. **Gannon J. S.**, et al., 2026, MNRAS, Accepted, arXiv:2602.18046.
3. **Gannon J. S.**, et al., 2025, MNRAS, 544, 3094
4. **Gannon J. S.**, et al., 2025a, OJAp, 8, E150.
5. **Gannon J. S.**, et al., 2024b, MNRAS, 531, 1856.
6. **Gannon J. S.**, et al., 2024a, MNRAS, 531, 1789.
7. **Gannon J. S.**, et al., 2023b, MNRAS, 524, 2624.
8. **Gannon J. S.**, et al., 2023a, MNRAS, 518, 3653.
9. **Gannon J. S.**, et al., 2022, MNRAS, 510, 946.
10. **Gannon J. S.**, et al., 2021, MNRAS, 502, 3144.
11. **Gannon J. S.**, et al., 2020, MNRAS, 495, 2582.

### Co-Author

12. Monaci M., **et al.**, 2026, MNRAS, Submitted.
13. Tang Y., **et al.**, 2026, ApJ, 998, 254.
14. Forbes D. A., **Gannon J. S.**, 2025, MNRAS, 543, L1.
15. Levitskiy A., Forbes D. A., **Gannon J. S.**, et al., 2025, MNRAS, 541, 2761.
16. Southon K., **Gannon J. S.**, et al., 2025, PASA, 42, e109.
17. Haacke L., Forbes D. A., **Gannon J.S.**, et al., 2025, MNRAS, 539, 674
18. Buzzo, M. L. **et al.**, A&A, 695, A124
19. Tang Y., Romanowsky A. J., **Gannon J. S.**, et al., 2025, ApJ, 982, 1.
20. Ferré-Mateu A., **Gannon J.**, et al., 2025, A&A, 694, L6
21. Pfeffer J., **et al.**, 2025, MNRAS, 536, 1878.
22. Buzzo, M. L., **et al.**, 2025, MNRAS, 536, 2536.
23. Tang Y., Romanowsky A. J., **Gannon J. S.**, et al., 2025, ApJ, 978, 21.
24. Forbes D. A., **et al.**, 2025, MNRAS, 536, 1217
25. Janssens S. R., Forbes D. A., Romanowsky A. J., **Gannon J.**, et al., 2024, MNRAS, 534, 783.
26. Forbes D. A., Lyon D., **Gannon J.**, et al., 2024, PASA, 41, e044.
27. Pfeffer J., **et al.**, 2024, MNRAS, 529, 4914.
28. Buzzo M. L., **et al.**, 2024, MNRAS, 529, 3210.
29. Forbes D. A. & **Gannon J. S.**, 2024, MNRAS, 528, 608.
30. Ferré-Mateu A., **Gannon J. S.**, et al. 2023, MNRAS, 526, 4735.

31. Forbes D. A., **Gannon J. S.**, et al., 2023, MNRAS, 525, L93.
32. Buzzo M. L., **et al.** , 2023, MNRAS, 522, 595.
33. Buzzo M. L., **et al.**, 2022, MNRAS, 517, 2231.
34. Forbes D. A., Ferré-Mateu A., **Gannon J. S.**, et al., 2022, MNRAS, 512, 802.
35. Danieli S., **et al.**, 2022, ApJL, 927, L28.
36. Forbes D. A., **Gannon J. S.**, et al., 2021, MNRAS, 500, 1279.
37. Forbes D. A., Dullo B. T., **Gannon J. S.**, et al., 2020, MNRAS, 494, 5293.
38. Forbes D. A., **Gannon J. S.**, et al., 2019, A&A, 626, A66.