



Jonah Gannon

Astrophysics Research Fellow

Education & Employment

Address

Swinburne University
of Technology
John St, Hawthorn,
VIC, 3122
Australia


Director's Astrophysics Research Fellow
PhD Thesis
Graduate Certificate of Research
and Innovation Management
Master of Physics
Bachelor of Science

Swinburne University of Technology 2022 -
Swinburne University of Technology 2019-2022
Swinburne University of Technology 2019-2020
The University of Western Australia 2017-2018
The University of Western Australia 2013-2016

Email

jonah.gannon@
gmail.com

ORCID

 orcid.org/0000-
0002-2936-7805

LinkedIn

linkedin.com/in
/JonahGannon/

Website

gannonjs.github.io/

Tel & Skype

+61 413 842 001
 Jonah Gannon

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

Instituto de Astrofísica de Canarias Early Career Visiting Fellowship	2023
Col Spanish Plan Nacional awarded grant (€150 000)	2022
European Astronomical Society Grant	2022
Betty Bennett Award for Academic Excellence	2021
Astronomical Society of Australia Student Travel Grant	2019
Masters Thesis Awarded with Distinction	2019
New Colombo Plan Scholar	2015
The University of Western Australia Principal's Citizenship Award	2013

Observational Experience

KCWI/Keck II (inc. Principle Investigator, lead observer, writing of proposals, target preparation, data reduction and data analysis)	18.5 Nights
DEIMOS/Keck II (inc. Principle Investigator, lead observer, writing of proposals, target preparation, data reduction)	5 Nights
HIRES/Keck I (inc. lead observer)	3 Nights
MUSE/VLT (inc. Principle Investigator, target preparation, observation preparation (remote) and writing of proposals)	27 hrs
DECam/Victor M. Blanco 4m (inc. lead observer, target selection, target preparation)	1 Night
ATCA (inc. observer)	71 hrs
StarFox (inc. lead commissioning observer, target preparation, telescope control software development, telescope data reduction pipeline development, data reduction and data analysis)	>500 hrs

Selected Talks

Sunrise of UDGs Conference talk	2023
Königstuhl Colloquium	2023
ESO Munich Lunch Talk	2023
University Observatory Munich Colloquium	2023
Instituto de Astrofísica de Canarias Colloquium	2023
Melbourne University Colloquium	2023
European Astronomical Society Annual Meeting	2022
Instituto de Astrofísica de Canarias Galaxy Coffee	2022
Macquarie University Colloquium	2021
Astro3D Seminar Series	2021
W. M. Keck Observatory Visiting Scientist Presentation	2019

Teaching, Service & Leadership

Swinburne University TAC Technical Assessor	2023 -
Swinburne University Diversity and Equity Committee Representative	2019 -
Astrotour Outreach Guide	2019 -
Physics Laboratory Demonstrator	2017 - 2021
AST 10001 Laboratory Demonstrator	2019, 2021
PHYS 1002 Laboratory Demonstrator	2017
PHYS 1001 Laboratory Demonstrator	2017 - 2018
Journal Club Organiser	2016 - 2017
ICRAR Outreach Assistant	2016 - 2017
Vice President (Education) UWA Mathematics Union	2015
Co-writer "The MATH1002 Study Guide"	2015
Co-writer "The MATH1001 Study Guide"	2015
Physics Third Year Student Representative	2015
MATH2501 Student Representative	2014

Publications (11 Total, 4 First Author)

First Author

1. **Gannon J. S.**, et al., 2023, MNRAS, 518, 3653.
2. **Gannon J. S.**, et al., 2022, MNRAS, 510, 946.
3. **Gannon J. S.**, et al., 2021, MNRAS, 502, 3144.
4. **Gannon J. S.**, et al., 2020, MNRAS, 495, 2582.

Co-Author

5. Buzzo M. L., **et al.** , 2023, MNRAS, 522, 595.
6. Buzzo M. L., **et al.**, 2022, MNRAS, 517, 2231.
7. Forbes D. A., Ferré-Mateu A., **Gannon J. S.**, et al., 2022, MNRAS, 512, 802.
8. Danieli S., **et al.**, 2022, ApJL, 927, L28.

9. Forbes D. A., **Gannon J. S.**, et al., 2021, MNRAS, 500, 1279.
10. Forbes D. A., Dullo B. T., **Gannon J.**, et al., 2020, MNRAS, 494, 5293.
11. Forbes D. A., **Gannon J.**, et al., 2019, A&A, 626, A66.