

Dr Adam Carnall

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Institute for Astronomy, Edinburgh University, Royal Observatory Edinburgh, EH9 3HJ, UK

ACADEMIC POSITIONS

- 2023– **Chancellor’s Fellow** – Edinburgh University, UK
2021 – 2024 **Leverhulme Early Career Fellow** – Edinburgh University, UK
2019 – 2021 **Postdoctoral Research Assistant** – Edinburgh University, UK

EDUCATION

- 2015 – 2019 **PhD Astrophysics** – Edinburgh University, UK
The star-formation histories of massive quiescent galaxies
2011 – 2015 **Masters in Physics and Astronomy** – Durham University, UK
First class honours (final mark 82%)
2009 – 2011 **A-Levels** – Thirsk School and Sixth Form College
A*A*A*A* in Physics, Chemistry, Maths and Further Maths

PUBLICATION STATISTICS

Number of refereed journal publications: 64 (of which 10 as first author)

h-index: 39 (via [NASA ADS 07/02/2025](#)) – 5075 total citations (of which 1689 as first author)

FUNDING AWARDED

- 2024 – 2029 **UKRI Frontier Research Grant** – (UK replacement for ERC Starting Grant)
“The Origins of Massive Galaxies” (£1.1M)
2021 – 2024 **Leverhulme Early Career Fellowship**
“The Metal Contents of Massive Galaxies Across Cosmic Time” (£100k)

TELESCOPE TIME AWARDED (PI)

- 2023 **James Webb Space Telescope** – Programme ID: 3543 (72 hours; £5.8M)
EXCELS: The early extragalactic continuum and emission line survey
2021 **James Webb Space Telescope** – Programme ID: 2285 (8 hours; £610,000)
A massive quiescent galaxy at $z = 4.657$
2019 **ESO Very Large Telescope** – Programme ID: 0104.B-0885 (64 hours; £560,000)
The stellar mass-metallicity relation for massive quiescent galaxies at $1.0 < z < 1.5$

PUBLICLY RELEASED SOFTWARE

- 2018 **BAGPIPES** – Python software for galaxy spectral modelling and fitting
<https://github.com/ACCarnall/bagpipes> – used in [350 publications](#) to date
2017 **SPECTRES** – Python software for resampling spectral data and associated uncertainties
<https://github.com/ACCarnall/spectres> – used in [180 publications](#) to date

SUPERVISION OF GRADUATE STUDENTS

- 2024– Struan Stevenson – Edinburgh University, UK