

Employment

- **Institute of Astronomy, University of Cambridge** Cambridge, UK
Outreach Facilitator 2018 - present
- **Institute of Astronomy, University of Cambridge** Cambridge, UK
Outreach Assistant 2017 - 2018
- **Astrophysics Group, University of Cambridge** Cambridge, UK
Postdoctoral Researcher 2012 - 2017
- **Steward Observatory, University of Arizona** Tucson, AZ, USA
Postdoctoral researcher 2011-2012

Education

- **University of Cambridge** Cambridge, UK
PhD (Astronomy), thesis title: “Star formation, near and far” 2007-2011
– Thesis advisors: Prof. Rob Kennicutt and Prof. Scott Chapman.
- **University of Southampton (& Harvard Center for Astrophysics)** Southampton, UK
MPhys (Astrophysics), 1st class honours 2003-2007
– Masters project: “Spectroscopic observations of the neutron star system 4U2129+47”
Conducted during a year of full-time research at the Harvard CfA

Teaching and Outreach Experience

Outreach:

- **Astronomical Educational/Outreach Presentations:**
As IoA outreach assistant/facilitator 2017-present
– I have given over presentations to a total audience of over 2000 people, on a wide range of astronomical topics. Audiences and venues include a number of amateur astronomical associations, Institute of Astronomy public open evenings, Pint of Science, Astronomy on Tap, Cafe Scientifique, and school pupils at all educational stages from pre-school to sixth-form.
- **Media Appearances**
As IoA outreach assistant 2017-present
– I make regular appearances on the ‘Naked Astronomers’ podcast, and have been interviewed a number of times on BBC Radio Cambridgeshire. I was interviewed for a documentary which appeared on ‘France 2’ (major television channel in France).

Teaching:

- **Course Tutor**
Institute of Continuing Education, University of Cambridge 2016-present
- **Supervisor of Part III Astrophysics student**
Astrophysics Group, University of Cambridge 2014-2015
- **Course Tutor**
Various International Summer Schools 2016-present
– I have delivered astronomy courses for a variety of International Summer Schools (including ‘CL Global’, and ‘Reach Cambridge’). The audience for these generally consists of international students, aged 14-18.

Professional Activities

Invited referee for *Nature*, *Nature Physics*, the *Astrophysical Journal*, *Monthly Notices of the Royal Astronomical Society*, and *Astronomy & Astrophysics*

Lead administrator: The Laws of Star Formation conference, Cambridge, July 2018

President of LYRA (Lowestoft & Yarmouth Regional Astronomers)

Local Organising Committee: Galaxy Evolution Over Five Decades conference, Cambridge, September 2013

Selected Professional Talks and Conferences

University of Cambridge, Galaxy Evolution over Five Decades conference, September 2013

‘A fundamental relation between mass, metallicity, and gas content’ (talk)

Aspen Center for Physics, Obscured Universe Workshop, May 2013

‘Molecular gas in dusty star-forming galaxies’ (invited talk)

Leiden University, Seminar, July 2012

‘A fundamental relation between mass, metallicity, and gas content’ (invited talk)

University of Cambridge, Astrophysics Colloquium, October 2012

‘The brightest lensed dusty starbursts’ (talk)

University of Ohio, Colloquium, September 2011

‘The star-forming molecular ISM in high- z SMGs’ (invited talk)

UCLA Seminar, January 2011

‘The ISM-SFR connection across cosmic time’ (invited talk)

Harvard CfA Seminar, January 2011

‘The ISM-SFR connection across cosmic time’ (invited talk)

UCL, Astrophysics Colloquium, July 2010

‘The distribution of star formation in the low- z Universe’ (talk)

Harvard CfA, Astrophysics Seminar, May 2007

‘The triple nature of the X-ray binary 4U2129+47’ (talk)

Refereed Publications

As of Summer 2019:

- 40 refereed publications (11 as first author).
- > 2500 citations (> 700 as first author).
- h-index = 26