

CURRICULUM VITAE: CAROLIN CRAWFORD

'With a degree in maths and another in astrophysics, it was either that or back to the dole queue on Monday'

From *Fit the Second*, H2GT2G, Douglas Adams

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Employment:

Oct 2005 – Oct 2020 Public Astronomer at Institute of Astronomy , Cambridge University
(at 50% of full-time)
Oct 2004 – Oct 2020 Fellow, Admissions Tutor (Physical Sciences), Tutor and College Lecturer at Emmanuel
College, Cambridge University (at 50% of full-time)
Oct 2011 – Sep 2015 Professor of Astronomy, Gresham College
Oct 1996 – Sep 2007 Royal Society University Research Fellow
(working at 80% of full-time from Nov 1998; 50% of full-time from Oct 2005)
Oct 2002 – Sep 2004 Associate Lecturer in Astronomy, Newnham College
Oct 1999 – Sep 2004 Assistant Director of Research at the Institute of Astronomy, Cambridge
Oct 1994 – Sep 1996 PPARC Advanced Fellow, Institute of Astronomy, Cambridge
Oct 1991 – Sep 1994 Research Fellow, Trinity Hall, University of Cambridge
Oct 1991 – Sep 1993 SERC Postdoctoral Fellow, Institute of Astronomy, Cambridge
Oct 1988 – Sep 1991 Skynner-Radcliffe Research Fellow in Astronomy at Balliol College, Oxford

Further Education:

1985 – 1988 PhD; Newnham College and Institute of Astronomy, University of Cambridge
1982 – 1985 BA Hons in Mathematics; Newnham College, University of Cambridge

Awards:

One of the UK Resource Centre for Women in Science, Engineering and Technology's 2009 *Women of Outstanding Achievement*, awarded for "communication of SET with a contribution to society".

Astronomical Educational/Outreach Presentations:

2006-2016 Over 850 presentations delivered to a total audience of over 62,200 people

Media appearances include:

- 16 guest appearances on *In our time* on BBC Radio 4 (discussing: Eclipses; Venus; The Kuiper belt; Saturn; Dark Matter, The Sun, Cosmic Rays; Exoplanets; The Moon; The age of the Universe; The 'cool' Universe; Gravitational waves; Galaxies; Asteroids; Dark energy; Planets);
- Regular panellist on BBC Radio 4's *Home Planet*, appearing on 22 programmes over 2006-2011;
- Occasional appearances on other BBC radio shows, such as *Happy Birthday Neptune* (7/2011); *Woman's Hour* (9/2008); *Start the Week* (2/2004, 5/2009, 11/2013); *Between the ears* (1/2013); *Essential Classics* (10/2013); *Word of Mouth* (1/2014); *PM* (8/2014); *Broadcasting House* (11/2014), *Today* (2/2016, 7/2016, 11/2016);
- Many *ad-hoc* radio interviews (usually live, either in the studio and by phone), and mostly with BBC Radio Cambridgeshire (60 such in 2009-2014).

Professional Societies:

Fellow of the Royal Astronomical Society
Member of the International Astronomical Union

Research Publications:

100 research publications in refereed journals 1986-2017; my *h-number* is 44 (as of 02/2021).

The top five papers (in citation rank) each have between 565 and 3366 citations.

My research papers focus on optical, near-infrared and X-ray observations of clusters of galaxies; in particular the way a supermassive black hole can affect the giant galaxy it inhabits, and the wider intra-cluster environment.