

Sarah L Bridle

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Curriculum Vitae

Employment, Education and Qualifications:

Sep 21 – present	Professor, Chair in Food, Climate and Society, University of York, UK
Jan 13 – Sep 21	Professor of Astrophysics, University of Manchester, UK
Oct 08 - Dec 12	Reader, University College London, UK
Apr 12 - Aug 12	Parental leave (4 months)
Oct 03 - Jan 12	Royal Society University Research Fellowship
Nov 09 - Mar 10	Parental leave (4 months)
Jun 08 - Dec 08	Sabbatical at SAp CEA Saclay and IAS Orsay, Paris, France
Sep 04 - Sep 08	Lecturer, University College London, UK
Oct 03 - Aug 04	College Lecturer, Selwyn College, University of Cambridge, UK
Oct 01 - Sep 03	Selwyn College Trevelyan Research Fellowship, Institute of Astronomy, University of Cambridge, UK
Oct 00 - Oct 01 France	TMR Postdoctoral Fellowship of EEC Lensing Network, LA, OMP, Toulouse, France
1997-2000	PhD, Cavendish Laboratory, University of Cambridge, Supervisor Hobson
1993-1997	University of Cambridge, Natural Sciences B.A. Hons. and M.Sci (1 st class)
1985-1993	Cleeve Comprehensive School, Gloucestershire (9A GCSEs, 4A A-levels)

Grants, current:

CoPI £5M UKRI AgriFood Network+: AgriFood4NetZero: Plausible Pathways, Practical and Open Science for Net Zero Agrifood (CoPIs: Sanderson Bellamy (Je-S PI), Ward, Benton; CoIs: Watson, Scollan, Smith, Charalampopoulos, Frewer, MacMillan, Pearson)

PI £45k APEX Award (CoI Aled Jones) from the Royal Society, British Academy, and the Royal Academy of Engineering “How to feed the UK amid catastrophic food system disruption?”

CoI £6M, 2021-25 UKRI Transforming UK Food Systems SPF (PI: B Doherty, Other CoIs: M Allen, M Bryant, L Collins, K Denby, I Fazey, C Hawkes, K Pickett, P Ball, M Cain, S Banwart, A Williams) “*Transformations to Regenerative Food Systems (TReFS)*”. Lead of Metrics Work Package

Ongoing/previous Grants

PI £24k TUKFS Synergy Fund Outreach grant from BBSRC via FixOurFood grant (see below) “Catalysing effective public engagement to transform the UK food system through British Science Week 2023”

CoI £92k STFC “EO4AgroClimate: Earth Observation-based and Agro-tech Solutions for Australian Climate Smart Agriculture” PI Emberson.

PI £15k NERC (CoIs: Kluczkovski, Reynolds, Huuse) “*Lowering Impacts on the Climate by Engaging with Wales Local Residents*” - Cardiff University / UKRI NERC Environmental Science Collaborative Research Project(s) Award

PI £3.6k UoM GCRF QR “Cooking behaviour and its impact on nutrition and GHGE, a UK-Latin America virtual workshop.”

PI £28k, UoM GCRF “Cooking as part of a Sustainable Food System in Peru, Argentina and Colombia - Creating a Wider Evidence Base for Policymakers”

PI £17k UoM GCRF “An analysis of environmental impacts of school menus and co-development of education materials in Bahia, Brazil”

PI £40k, 2019 University of Manchester GCRF (Cols: R Green, F Harris, C Reynolds, X Schmidt) *“Do play with your food: Piloting game-based tools to enhance learning about water footprints and greenhouse gas emissions from food in India”*

Col £1.7M, 2019, STFC (PI: Choudhary; Cols: Serjeant, Morgan, Thompson, Denby, Doherty, Williams, Mishra, Dash, Reynolds) *“STFC Food Network+ Extension”*

Col £8k, 2019, STFC Food Network+ grant (PI Smith; Cols: S Choudhary, L Emberson, M Glowacz, C Hood, M Menon, R Nayak, S Pearson, E Pope, C Reynolds, L Sagoo, M Hardcastle, T Kirkham, S Oliver, S Serjeant, A Walsh) *“Technology and climate change: a review of STFC Food Network+ projects and future potential”*

Col £9k, 2018, N8 Agrifood Leeds (PI: M Zulyniak; Cols: A Challinor, H Smith, S Bridle, J Fennell, C Reynolds, M Green, W Wrieden, E Foster) *“Greenhouse Gas and Dietary choices Open source Toolkit (GGDOT) – Geographic and Nutritional Data Hacknights”*

PI 9k, 2018, N8 Agrifood Manchester (Cols: C Reynolds, J Fennell) *“Greenhouse Gas and Dietary choices Open source Toolkit (GGDOT) – Citizen Platform”*

PI 10k, 2018, N8 Agrifood Manchester (Cols: C Reynolds, W Wrieden, E Foster, J Fennell) *“Greenhouse gas and Dietary choices Open source Toolkit (GDOT) Hack Nights”*

PI £272k, 2019-2021, STFC GCRF (Cols: Reynolds, Tereza da Silva, Garzillo, Levy) *“Trends in greenhouse gas emissions from Brazilian foods using GGDOT”*

PI £40k, 2018, University of Manchester GCRF (Cols: Reynolds) *“Greenhouse gas emissions database for dietary recommendations”*

Col £9k, (PI: Zulyniak, Cols: Reynolds, Evans, Challinor, Smith, Fennell, Green, Wriden, Foster) *“Greenhouse gas and Dietary choices Open source Toolkit (GDOT) Hack-Nights”*

PI £9k, 2018, N8 Agrifood Manchester (Cols: Reynolds, Fennell) *“Greenhouse Gas and Dietary choices Open source Toolkit (GGDOT) – Citizen Platform”*

PI £10k, 2018, N8 Agrifood Manchester (Cols: Reynolds, Wrieden, Foster, Fennell) *“Greenhouse gas and Dietary choices Open source Toolkit (GGDOT) Hack Nights”*

Col £544k 2018-2021, STFC GCRF Foundation Awards 2017 (PI Breton, Cols: Grieve, Rehman, Godwin, Gonzalez Moreno, Holmes, Fennell) *“Applying Astronomy Capability to Map an Invasive Weed: Leveraging Satellite Surveys to Inform ‘Famine Weed’ Policy in Pakistan”*

PI £613k, 2017-2020, STFC Food Network+ (Cols: Koh, Grieve, Denby, Reed, Flanagan, Halford)

Col £4M, 2017-2020, JBCA Consolidated Grant, STFC. PI Richard Battye, 29 Co-Is.

Col £19k, 2016-2018 PATT Grant, STFC. PI Gary Fuller, 19 Cols

PI €2M, 2016-2021, ERC Consolidator Grant (0 Cols)

Co-PI £17.7M, 2015-2030, “LSST:UK”, STFC PPRP.

Col £4.988M, 2014-2017, STFC Consolidated Grant. PI Albert Zijlstra, 23 Co-Is. 20% FEC +1PDRA

PI €1.4M, 2010-2016, *“Capitalising on Gravitational Shear”*, ERC Starting Grant (0 Cols)

Col 1.88M, 2012-2015 STFC grant: *UCL Astrophysics Consolidated Grant* (PI:Lahav; 17 Cols Barlow, Aylward, Swinyard, Walker, Abdalla, Savini, Tinetti, Peiris, Howarth, Yates, Rawlings, Tennyson, Miller, Achilleos, Doel, Prinja, Viti)

PI, £12k, 2012-2014 Royal Society International Exchanges 2011/R2 Scheme (Col: Bean) *Large scale structure insights into the origins of cosmic acceleration*

Col, £142k, 2011-2013 STFC grant: *DESPEC: Spectroscopic upgrade of the Dark Energy Survey* (PI:Lahav; Cols: Abdalla, Doel,)

Col £468k, 2011-2014 STFC grant: *Cosmology from Surveys* (PI:Lahav; Cols: Abdalla, Bridle, Peiris)

Col £303k, 2010-2011 STFC support for Euclid satellite project development at UCL (PI: Cropper; Cols: Bridle, Lahav, Ferreras)

Col £346k, 2009-2010 STFC support for Euclid satellite project development at UCL (PI: Cropper; Cols: Bridle, Lahav, Ferreras)

Col £50k, 2008 STFC further bridging support for Euclid satellite project development (PI: Cropper; Cols: Sharples, Baugh, Peacock, Taylor, Heavens, Bridle, Lahav, Weller, Viti, Bryson, Hook, Rawlings, Dalton, Kitching, Ferreras, Jarvis, Sergeant, Holland)

Col £52k, 2008-2011 “PATT Support”, STFC (PI: Howarth, 18 Cols).

PI €21 500, 2008-2009 The GREAT08 PASCAL Challenge results (PI: Bridle, 30 Cols). Funding from PASCAL Network (which is funded by the European Commission).

Col £20k, 2008 STFC bridging support for Euclid satellite project development (PI: Cropper; Cols: Taylor, Peacock, Bryson, Lahav, Viti, Weller, Heavens)

Col £839k, 2008-2011, STFC Rolling Grant, (PI: Lahav, Col: Weller). “*Cosmology: from Galaxy Surveys to Dark Matter and Dark Energy*”

PI £10 448, 2008 The GREAT08 PASCAL Challenge development (PI: Bridle, 30 Cols). Funding from PASCAL Network (which is funded by the European Commission).

PI, £269 440, 2008 - 2011, Royal Society URF 3 year extension, (PI: Bridle, 0 Cols). “*Constraining and testing cosmological models*”

Col, £6000, 2007 - 2010, ARC Linkage Travel Grant “*The formation and structure of distant galaxies*” (PI: Drinkwater; Cols: Couch, Blake, Bridle, Yee, Martin, Small)

Col, £6500, 2007 - 2008, “*Personal Response Systems for teaching*”, UCL ESCILTA and TEESC, (PI: Witherick; about 10 Cols)

Col, £59 940, 2007 - 2008, “*RIOJA - Repository Interface for Overlaid Journal Archives*”, JISC, (PI: M. Moyle; about 5 Cols)

PI, £186 144, 2006 - 2009, “*Measuring Cosmic Shear*”, PPARC standard grant (PI: Bridle, Cols: Lahav, Weller).

Col, £186 144, 2006 - 2009, “*Cosmology with the new generation of photometric redshift surveys*”, PPARC standard grant (PI: Lahav; Col: Weller).

Col, £316 362, 2006 - 2008, “*COSMOS supercomputer operations*”, PPARC, (PI: S. Hawking; Cols: B. Bassett, R. Battye, E. Copeland, R. Crittenden, G. Efstathiou, P. Ferreira, M. Hindmarsh, M. Hobson, A.H. Jaffe, A. Lasenby, A.R. Liddle, R. Maartens, J. Magueijo, R. Nichol, A.K. Rajantie, M. Rowan-Robinson, E.P.S. Shellard, J. Silk, N. Turok, J. Weller)

Col, £1.763M, 2006 -, PPARC/STFC “*Optical Corrector for the Dark Energy Survey*”, STFC, (PI: Lahav, about 10 Cols)

Col, £1 035 140, 2004 - 2007, “*Observational Astronomy at IoA*”, PPARC Rolling Grant, IoA Cambridge (PI: Gilmore; 15 other Cols).

PI, £200 333, 2003 – 2008, “*Constraining and testing cosmological models*”, Royal Society URF, (PI: Bridle, 0 Cols)

PI £4970, 2007 - 2008, “*Dark Energy from Cosmic Lensing: Removing Intrinsic Alignments*”, UCL MAPS Faculty Prize, PI, (PI: Bridle, 0 Cols).

PI, £2000, 2007, “*The nature of dark matter from cosmic gravitational lensing*”, Royal Society Summer Studentship, PI (PI: Bridle, 0 Cols).

PI, £1400, 2007, “*Dark energy constraints from galaxy-cluster lensing*”, RAS Summer Studentship, (PI: Bridle, 0 Cols)

PI, £1750, 2006, “*The Alignment of Light and Mass in Deep Lens Survey Galaxy Clusters*”, RAS Summer Studentship (PI: Bridle, 0 Cols).

Prizes, Fellowships and Awards:

2016 European Research Council Consolidator Grant (€2M)

2013-21 Fellow, Higgs Centre for Theoretical Astrophysics, Edinburgh

2010 “Top 10 UK scientists under 40” – The Times (UK) Eureka Magazine, October

2009 European Research Council Starting Grant (€1.4M)

2009 Royal Astronomical Society's 2009 Fowler Award for Astronomy (awarded annually to an individual who has made a particularly noteworthy contribution at an early stage of their research career).

2008 L'Oreal UK and Ireland Fellowship for Women in Science (£15k)

2008 Royal Astronomical Society Group Achievement Award for 2dFGRS

2008 Royal Society University Research Fellowship 3 year extension (£269 440)

2007 UCL MAPS Faculty Prize (£4970)

2003 Royal Society University Research Fellowship (£200 333)

1997 PPARC Studentship Award

1997 Pembroke College, Cambridge, Foundress Prize

1996 Pembroke College, Cambridge, Dr Stevens Prize

1995 Pembroke College, Cambridge, Foundress Prize

1994 Pembroke College, Cambridge, Satish Kumar Prize

Outreach, Public Engagement (selected up to and including 2023)

Dec 2023 Cosmic Shambles 9 Lessons and Carols, guest speaker

Nov 2023 BBC Radio 4 Pilot recording of 2024 environmental programme, guest expert

Nov 2023 Centre for Food Policy, City, London, guest speaker

Nov 2023 Cambridge Global Food Security, guest panellist

Oct 2023 Our World Our Collective, Workshop guest speaker

Oct 2023 Defra Strategy Unit Awayday, guest speaker

Oct 2023 Manchester Literature Festival, in conversation with George Monbiot

Oct 2023 Interview for Imagine5

Jul 2023 Interview for podcast Mum-will-the-planet-die

Jun 2023 Downside School, Future of Food guest scientist

Jun 2023 Big Tent Festival of Ideas 2023, York, UK, guest panellist

Jun 2023 Cheltenham Science Festival, in conversation with George Monbiot

May 2023 United Nations Staff Group, Uzbekistan, Webinar guest speaker

May 2023 Humanists Society, guest speaker

Mar 2023 Cambridge Science Festival, panel Chair

Feb 2023 The Physical Society, London, Guest speaker

Feb 2023 Centre for Science and Policy, University of Cambridge, panel Chair

Jan 2023 LEAP 2022, Oxford, keynote speaker

Jan 2023 YorkTalks, University of York spotlight on research event, offering free talks to the public. Speakers by invitation from the Pro ViceChancellor.

Oct 2022 iNews article
<https://inews.co.uk/news/environment/how-save-money-help-planet-ignoring-food-expiry-dates-shopping-local-1937623>

Sep 2022 BBC Future article <https://www.bbc.com/future/feature/bespoke/follow-the-food/>

Sep 2022 BBC Radio 4 article <https://www.bbc.co.uk/programmes/m001c45q>

Jul 2022 ZOE podcast interview (publication anticipated November 2022)

Jun 2022 The Owl Hoot podcast interview
<https://theowlhoot.com/podcast/food-and-climate-change-with-sarah-bridle/>

Jun 2022 Festival of Ideas, York panellist and activity contributor

May 2022 Writers Rebel interview (publication anticipated November 2022)

May 2022 The Global Academy of Agriculture and Food Security, Edinburgh speaker/Q&A

Mar 2022 BBC Food article https://www.bbc.co.uk/food/articles/energy_saving_tips

Mar 2022 ZOE Science Bulletin speaker/Q&A

Mar 2022 Ditchley Park Ideation platform speaker/Q&A

Feb 2022 Dining Right panellist, Sustainable Food at Queen's College Oxford

Jan 2022 Darwin Lecture, Darwin College Cambridge
<https://www.youtube.com/watch?v=rSxaIN3PD0g>

Jan 2022 Fulshaw Women's Institute speaker

Jan 2022 Frank Parkinson Lecture at the Oxford Farming Conference

Dec 2021 Bloomberg Green interview

Nov 2021 Analysed food diaries for BBC World Service piece (yet to appear)

Oct 2021 Interviewed on Peter Frankopan's podcast I've Been Thinking, episode 22
<https://podcasts.apple.com/gb/podcast/ive-been-thinking-with-peter-frankopan/id1573942113>

Oct 2021 Invited talk Norwich Science Festival

Sep 2021 Invited talk New Scientist Live

June 2021 Invited talk at Plymouth Sustainable Earth 2021 (>1000 registered)

June 2021 Invited interactive talk for TTP Climate Action Event (>200 GCSE and A-Level students)

June 2021 Invited interactive keynote talk for Downside School for The Future of Food week

June 2021 Invited interview for Energy Live News

June 2021 Keynote for Sustainability Physics: Teacher CPD with Lancaster University Physics

June 2021 Cheltenham Science Festival live (in-person and broadcast) panel discussion If I Do Just One Thing with Mark Miodownik

June 2021 Cheltenham Science Festival live panel discussion The Future Of Food with Timandra Harkness

May 2021 The Hay Festival "Cassandra Coburn and Sarah Bridle talk to Martin Wright"

May 2021 Invited interactive talk to Transition New Mills

May 2021 Panelist for The Humanist Climate Action launch event chaired by Alice Roberts

May 2021 Invited interactive talk to The Earth Project international Young Ambassadors

May 2021 Invited speaker for IFSTAL Year 6 Public Lecture

May 2021 International invited Colloquium for CUNY-Brooklyn College Physics Department

Apr 2021 Live on BBC Radio 4's PM programme talking about climate and barbeques

Apr 2021 Invited interactive talk for CampdenBRI Food and Drink Science MIG

Apr 2021 Speaker: University of Birmingham Citizens' Assembly - "Should Veganism be Enforced?"

Apr 2021 The Times - book serialised in 3 pages of the Saturday Magazine of The Times, with graphics and an interview on 3 more pages

Mar 2021 Pick of the Week (BBC Radio4) (excerpt from The Life Scientific)

Mar 2021 The Life Scientific (BBC Radio4)

Feb 2021 Authored Channel 4 News piece on the impact of food on climate change

Jan 2021 Introductory talk to Scotland's Climate Assembly

Jan 2021 Article for the BBC's Follow the Food
<https://www.bbc.com/future/bespoke/follow-the-food/how-to-cut-your-foods-carbon-footprint/>

Jan 2021- Co-Director of Wilmslow Community Market Garden

Sep 2020 Author of lay book "Food and Climate Change Without the Hot Air" – UIT Cambridge

Jun 2020 Take a Bite out of Climate Change at Home. Online activities for kids aged 7-14 years old during lockdown. www.takeabitecc.org/AtHome

Mar 2020 Commentator for Lancaster's Climate Jury

Feb 2020 TEDxManchester talk on food and climate change
<https://www.youtube.com/watch?v=6y7RHsXSW00>

Jul 19 Bluedot talk 'Food and Climate Change' video available here
<https://www.discoverthebluedot.com/video/sarah-bridle:-food-and-climate-change>

Jul 19 Bluedot stand Take a Bite out of Climate Change

Jul 19 PI of Royal Society Summer Science Exhibition stand Take a Bite out of Climate Change <https://www.takeabite.info/>

Jun 19 Cheltenham Science Festival panel on cosmology
 Nov 18 Annual Transition Wilmslow Lecture, on Food and Climate Change
 Oct 18 Food and Climate Change table at the Manchester Science Museum
 Jul 18 Talk on food and climate change at Bluedot Festival, Manchester
 Jul 18 PI of a stand on food and climate change at Bluedot Festival, Manchester
 Jul 18 Lovell Lecture, Jodrell Bank
 Jun 18 Interviewed in 'The Genius of Accidents' Radio 4 programme presented by Adam Hart
 May 18 Knutsford Scibar
 May 18 Interviewed live on The Today Programme on Stephen Hawking and time travel
 Jul 17 Talk on food security at Bluedot Festival, Manchester
 Jul 17 Talk on cosmology at Bluedot Festival, Manchester
 Jun 17 Panel discussion at Cheltenham Science Festival
 2017 Cosmology alumni lecture at Manchester University
<https://www.youtube.com/watch?v=iyzyhYEA2G8>
 Apr 16 Discussion talk at the Edinburgh Science Festival
 Feb 16 Guest on the Infinite Monkey Cage with Tim O'Brien and Jon Culshaw
 Dec 15 Appeared on An Infinite Monkey's Guide to General Relativity
 Apr 15 Live on Radio 4 Today programme, live on BBC World Service television, interviewed on BBC World Service radio and on BBC radio Scotland about first DES wide-field mass maps
 Apr 15 Interviewed by BBC web news and the story was the top science story on the BBC News website that day, ~100 news stories from other outlets mentioned me and also interviewed by Physics World about first DES wide-field mass maps
 Feb 15 Lecture to Chester Astronomical Society
 Sep 14 Jodcast interviewee
 Jun 14 Lecture to school children at NAM, Portsmouth
 Apr 14 1 hour lecture to 6th form school children, each day for 3 days
 Apr 14 Talk to school girls
 Mar 14 Appeared on Sky at Night explaining the Cosmic Microwave Background radiation
 Nov 11 Invited UCL Diploma club talk
 Oct 11 Invited lunchtime talk to the Friends of the Royal Astronomical Society
 Oct 11 BBC Radio 4 Today programme Sat 29 Oct 7.45am
http://news.bbc.co.uk/today/hi/today/newsid_9627000/9627056.stm
 May 11 Interview for BBC World Service Radio programme on circles
<http://www.bbc.co.uk/programmes/p00jnf0j>
 Apr 11 Astrophysics Group organiser, UCL "Dragonfly Day" for schoolgirls from local schools
 Aug 10 Invited interview about my career and Work-Life Balance in Science Magazine
 May 10 My profile included in RAS/STFC booklet of astronomer profiles
 Nov 09 – Apr 10 On parental leave
 Oct 09 Public lecture "The Dark Side of the Universe" at UCL (also recorded and online)
 Oct 09 Public lecture "The Dark Side of the Universe" at the Royal Society (also recorded)
 2009 Appeared in "Explorers of the Universe" exhibition of portraits of astronomers
 Feb 09 Speed meeting scientists - Big Bang Fair, London
 Nov 08 Invited talk at British Astronomical Society
 Jul 08 Guest on UCL weekly podcast
 Jul 08 Guest on weekly Guardian Science podcast
 May 08 SuperClubsPlus "Ask an Expert" session

Apr 08 Oxford University Department for Continuing Education (OUDCE) The 30th annual astronomy weekend, talk *'Dark matter astronomy'*

Mar 07 Elizabeth Garrett Anderson School talk *'The contents of the Universe: Dark Matter and Dark Energy'*

Jan 07 St Paul's School Halley Society talk *'The contents of the Universe: Dark Matter and Dark Energy'*

Oct 07 Invited to lead a discussion with science evening class students, organised by Andrew Morris.

Oct 07 Invited panel member for Sense about Science Media Workshop

Nov 07 UCL Science Centre talk to ~200 school children

Various talks to schools and societies

Policy influence

2022 Submission to MP Chris Skidmore's Net Zero Review: The Net Zero Target and the UK Agri-Food System, co author with Professor Neil Ward, University of East Anglia, Professor Tim Benton, Chatham House, Professor Stefan Kepinski, University of Leeds, and Dr Angelina Sanderson Bellamy, University of the West of England. October 26, 2022.

2022 Submission to The House of Commons Environment, Food and Rural Affairs Committee Inquiry into UK Food Security, co author with Professor Neil Ward, University of East Anglia, Professor Tim Benton, Chatham House, Professor Stefan Kepinski, University of Leeds, and Dr Angelina Sanderson Bellamy, University of the West of England. September, 2022.

Policy thinkpiece

<https://policyatmanchester.shorthandstories.com/on-net-zero/index.html#group-Food-GfxdgPJasN>

Collaborated with the Earl of Caithness and Julian Huppert on a proposed amendment (253A) to the Agriculture Bill (not passed)

[https://publications.parliament.uk/pa/bills/lbill/58-01/112/5801112-IV\(Rev\).pdf](https://publications.parliament.uk/pa/bills/lbill/58-01/112/5801112-IV(Rev).pdf) on mandatory food climate emissions labelling

Appointment committees and external committees and project leadership:

2021 Member of UKRI FLF Sift Panel

2021- FixOurFood WP3 Metrics lead

2021- Director, Wilmslow Community Market Garden

2018- PI and project lead of Take a Bite out of Climate Change

2018- PI and project lead of Greenhouse Gas and Dietary choices Open source Toolkit

2013-21 Fellow, Higgs Center for Theoretical Astrophysics, Edinburgh

2011- DES Builder (automatic (opt-in) authorship rights on science papers based on DES)

2020-21 Chair of SkyPy Board

2020 Member of UKRI Future Leaders Fellowship panel

2017-20 PI and project lead of STFC Food Network+

2018-19 Member of IoP Physics in Food Manufacturing Committee

2018-19 Member of ISCF Transforming Food Production Advisory Group

2017-19 Member of Durham Institute for Computational Cosmology International Advisory Board

2014-19 Editor, Royal Society Open journal, Astronomy

2017-18 Member of Royal Society University Research Fellowship interview panel

2015-18 Director of Research for School of Physics and Astronomy, Manchester

2014-18 Member of Executive Committee of School of Physics and Astronomy, Manchester

2014-18 Chair Academic Appointment Board, School of Physics and Astronomy, Manchester

2017 Member of Royal Astronomical Society Penston Prize committee

2014-17 Member of STFC Education, Training and Careers Committee

2013-17 LSST:UK Project Scientist
 2014-17 Member of LSST DESC Collaboration Council
 2016 Member of Selection Panel for Director of Jodrell Bank Center for Astrophysics
 2007-16 Member of Dark Energy Survey Science Committee
 2007-16 Co-Coordinator of the Dark Energy Survey Weak Lensing Working Group
 2014-15 Co-Chair of LSST DESC Spokesperson Nominating Committee
 2014-15 Member of Ernest Rutherford Fellowship SFTC Panel
 2013 Member of Selection Panel for SKA International Project Science Director
 2012-13 Member of RAS Awards panel
 2012 Member of Einstein Fellowships panel, US
 2011-12 Member of the Royal Society's Strategic and Operational Review Panel
 2009-11 Member of STFC Far Universe Advisory Panel (FUAP)
 2007 Panel member for assessment of RAS Lockyer Fellowship award
 2005-07 Member of Royal Society International Conference Grants and Short Visits Panel
 2006 Member of Selection panel for Lectureship, Computer Science Dept, UCL
 2006 Member of Assistant Professor Recommendation panel, Oslo
 2006 Member of Royal Society Summer Studentship allocation panel
 External Assessor for PPARC/STFC standard, consolidated grants, fellowships since 2006
 Referee for MNRAS, PRD, PRL, PLB, ApJ, ApJL, A&A, JCAP and Nature Food

External PhD Examiner Ana Lopes, Oxford (2004); Bill Frith, Durham (2005); Patrick Hudelot, Toulouse, France (2005); Ed Edmunsen, Oxford (2006); Alexie Leauthaud, Marseille (rapporteur, 2007); Eric Jullo, Marseille (rapporteur, 2008); Sandrine Pires, CEA Saclay (rapporteur, 2008); Ros Hopwood, Open University (2010); Gael Fox, Toulouse (rapporteur, 2011), David Harvey, Edinburgh (2014), Antonios Makrymallis, UCL (2015), Robert Schuhman (2017)
 Internal PhD Examiner Anastasia Niarchou, Imperial (2006), Sam Farrens, UCL (2010), Arnaud de Lavallaz (Kings College London 2011), Stephen Feeney, UCL (2012), Simon Pike, Manchester (2014), Lee Whittaker, Manchester (2015)

Organisation and promotion of research

Jul 22- Co-Lead of AFN Network+ (UKRI Agri-food for Net Zero Network+)
 Jan 20 Guest Editor of a Special Issue "Healthy Sustainable Diets" in Sustainability
 2017-20 Lead of STFC Food Network+ which seed-funded 40 projects
 Jul 16 SOC of Leiden lensing meeting
 Jun 16 SOC of Diving in the Dark, Australia
 Sep 15 SOC of CosmoCruise2015: At the Edge of Discovery
 Aug 15 SOC of Hubble Frontier Fields at the IAU (HFFIAU) at IAU General Assembly
 Jul 15 SOC of Theoretical and Observational Progress on LSS of the Universe, Munich
 12 -15 Chair of DES Meetings Steering Committee, responsible for organisation of two international meetings of >100 people twice a year
 May 15 Scientific Organising Committee of DES Collaboration Meeting, Michigan
 Jan 15 SOC of Beyond Λ CDM Conference, Oslo, Norway
 Jul 14 Co-Organiser of 3 week Aspen workshop on Combined Cosmological Probes
 Jun 14 Co-Organiser of two LSST parallel sessions at NAM, Portsmouth
 May 14 Scientific Organising Committee of DES Collaboration Meeting, Urbana-Champaign
 May 14 Co-Organiser of 2 day CosmoSIS workshop at UChicago
 Mar 14 Scientific Co-Organiser of OSU DES Weak Lensing Workshop
 Jul 13- Organiser of Schuster (Department-wide) Colloquia, Manchester Physics
 Jul 13 SOC member, "Ripples in the Cosmic Ocean" conference, Durham
 Jun 13 SOC member, Cosmo Probes 2013, Lausanne

Apr 13 Responsible for organization of DES Collaboration Meeting, LBL
 Dec 13 Responsible for organization of DES Collaboration Meeting, Texas A&M
 Jun 12-15 Chair of DES Meetings Steering Committee
 Dec 11 Co-organiser of "Cosmology meets machine learning" workshop at NIPS, Spain
 May 11 - Founder and moderator of Cosmology Meets Machine Learning Uninstitute
 May 11 Organiser of international Cosmology Meets Machine Learning 2011 Workshop at UCL
 May 11 Organiser of international GREAT10 Workshop at UCL
 Mar 11 Co-organiser international DESpec Workshop, UCL
 2010 Euclid Weak Lensing Working Group Co-Lead
 2010 Member of Euclid Science Committee
 Jun 10-12 UCL Research Computing Think Tank
 2010 Lead of Euclid Weak Lensing Group Subgroup: PSF Evaluation
 2010 Member of Euclid Cosmology Task Group
 Sep 09- Member of DES Speakers Bureau
 Sep 09 Scientific Organizing Committee of Statistical Frontiers of Astrophysics, IPMU, Japan
 Jul 09 Organiser of GREAT08 Challenge Final Workshop (hosted at COSMOSTATS09)
 Jul 09 Scientific Organizing Committee "COSMOSTATS09: Statistical challenges in cosmology"
 Apr 09 Lead organiser of JENAM/NAM Symposium 2 on cosmology
 2008 -11 Responsible for student travel finance, UCL Astrophysics Group
 Jul 08 Co-organiser of 1 day workshop on publishing models (RIOJA Workshop), Cambridge
 Jun 08 Co-organiser of 1 day workshop "Use and abuse of Bayesian Evidence", Sussex
 Apr 08 Organiser of international Intrinsic Alignments Workshop at UCL
 Mar 08 Co-organiser of Galaxy Peculiar Velocities Workshop at UCL
 2007-2009 Faculty Library Committee representative for UCL Dept of Physics and Astronomy
 Sept 07 The organiser of the 2007 Dark Energy Survey international collaboration meeting, UCL
 Jun 07 Member of Scientific Organising Committee, DAC07, Santander
 May 07 - Member of Dark Energy Survey (DES) Science Committee
 May 07 - Co-coordinator of the Dark Energy Survey international Weak Lensing Working Group
 Mar 07 The organiser of DUNE collaboration meeting at UCL
 Nov 06 One of two UK representatives on the DUNE steering committee
 Dec 06 Co-organiser of weak lensing section of DES proposal to NSF & DOE
 Nov 06 Organising committee: Dark Energy Survey Workshop, Chicago
 May 06 Organising committee: Dark Energy Survey Workshop, Barcelona
 Nov 05 Organising committee: Dark Energy Survey Workshop, Michigan
 Jul 05 Organising committee: UCL international conference at Cumberland Lodge "The interface between galaxy formation and cosmology"
 2004 - 2007 Seminar organiser, UCL Astrophysics Seminars
 2004- 2006 London Cosmology Discussion Meetings co-founder and co-organiser
 Sept 04 - www.cosmocoffee.info co-founder and co-organiser
 May 03 OxCam7 organised 1 day meeting
 Jan 02 OxCam5 organised 1 day meeting with O. Lahav, L. Moustakas and J. Silk

Science Conferences, Visits and Research Talks:

Jun 22 Fir Farm Conference: A roadmap to sustainable farming
 May 21 Participant in interactive FSA meeting "Climate Change and Consumer Behaviour"
 Dec 20 2 posters at Livestock, Environment and People 2020
 Dec 19 Poster at Livestock, Environment and People 2019 (Reynolds & Bridle)
 Nov 16 Leiden's 2016 Annual Sackler Astronomy Lecturer
 Jan 16 Invited panel member, ATI Summit, London
 Sep 15 Invited talk at TAUP, Italy
 Jun 15 Invited Colloquium at Institut Astrophysique de Paris (IAP)
 Jun 15 Invited talk at Manchester Informatics and OCF Big Data Symposium
 May 15 Invited Seminar at Liverpool John Moores University
 Mar 15 Invited Colloquium at Institute of Astronomy, Cambridge
 Feb 15 Participation in LSST Dark Energy Science Collaboration meeting, SLAC
 Jan 15 Invited talk on "Weak Lensing in the Next Decade" at ESO in the 2020s
 Dec 14 Invited talk Royal Statistical Society, London. SuSTaIn Astrostatistics workshop
 Nov 14 Invited Colloquium, UAB Barcelona
 Sep 14 Invited talk at "Big Data, Big Models, it is a Big Deal" Network on Computational
 Statistics and Machine Learning (NCSML) inaugural meeting, Warwick
 May 14 Various talks at DES Collaboration Meeting UIUC
 Mar 14 Invited international talk at DES-LSST Workshop, UChicago
 Mar 14 Invited international Saas Fee Lectures (6 lectures on lensing)
 Feb 14 Talk on LSST to Manchester particle physicists
 Dec 13 Invited talk at LSST DESC meeting, Pittsburgh
 Dec 13 Invited Seminar at DAMTP, Cambridge
 Dec 13 Invited Seminar in Nottingham
 Oct 13 Various talks at DES Collaboration Meeting, Barcelona
 Sep 13 Invited talk at LSST@Europe meeting, Cambridge
 Jul 13 Invited talk, Session Chair, Closing Panel Discussion member Durham Ripples
 Jun 13 Miscellaneous contributions at "The Next Decade of Weak Lensing Science", Aspen
 Jun 13 Session chair at "Weak gravitational lensing - beyond the ordinary", Nice, France
 Jun 13 Invited talk at "Weak gravitational lensing - beyond the ordinary", Nice, France
 May 13 Invited Seminar at Linea, Brazil (by video link)
 Apr 13 Responsible for scientific organisation of DES Collaboration Meeting, LBL; Session
 lead
 Mar 13 Inaugural lecture, Schuster Colloquium, Manchester
 Mar 13 Invited Seminar for Imperial Astrostatistics group
 Nov 12 Invited Seminar for Edinburgh Institute for Astrophysics
 Nov 12 Oxford Astrophysics Colloquium (Invited)
 Nov 12 Invited Seminar for Leicester Astrophysics
 Oct 12 Invited talk on Lensing with LSST at LSST:UK meeting, Oxford
 Aug 12 Invited seminar at Institute of Astronomy, Cambridge (Summer Series)
 Feb-Aug 12 Unable to travel for health reasons and parental leave
 Feb 12 Invited seminar for UCL High Energy Physics group
 Dec 11 Welcome talk and session chair, CMMML Workshop at NIPS, Spain
 Dec 11 Invited Astronomy Formal Seminar, Sussex
 Dec 11 Invited cosmology group seminar, Oxford Astrophysics
 Nov 11 Invited Astronomy Seminar, Queen Mary College London
 Oct 11 DES Collaboration meeting, UPenn, session organiser and chair, speaker
 Sep 11 Invited opening talk, GREAT10 Meeting, JPL, US
 Jul-Aug 11 Unable to travel for health reasons
 Jun 11 DES Collaboration meeting, Portsmouth UK (organiser of sessions, plenary talk)

Jun 11 Invited talk, Particle Physics and Cosmology, CERN
 May 11 Invited talk, London Cosmology Discussion Meeting
 May 11 Tutorial "*Approximate Inference*" GREAT10 Unconference, London
 Mar 11 Attended Royal Society Kavli Discussion Meeting on Modified Gravity
 Feb 11 Invited Seminar, EPFL, Geneva
 Jan 11 Invited opening talk and discussion lead at "From Pixels to Shear" international workshop, Edinburgh
 Nov 10 Invited Colloquium, USM Ludwig-Maximilians-Universitaet Muenchen
 Oct 10 DES Collaboration meeting Fermilab (organiser of 3 parallel sessions, talk)
 Jul 10 Invited Plenary Talk "Progress in Cosmology" ICHEP2010 (Paris).
 Jul 10 DUEL Conference in Edinburgh. Talk; Ran closing Panel Discussion (invited).
 Jun 10 Tubingen-UCL workshop. Tubingen, Germany. Talk and co-organizer.
 May 10 Euclid collaboration meeting, Paris
 May 10 DES Collaboration meeting, Madrid (session organiser and WG report talk)
 Sept09-Apr 10 Unable to travel for health reasons and parental leave
 Aug 09 DUEL Workshop, Paris (invited lectures)
 Jul 09 GREAT08 Challenge Final Workshop at COSMOSTATS09, Ascona (talk)
 Jun 09 Aspen workshop on Wide-Fast-Deep Surveys (invited talk)
 Jun 09 Aspen workshop on Testing GR in the cosmos (participation)
 Jun 09 Euclid Imaging Consortium meeting, Rome (talk)
 May 09 Dark Energy Survey Collaboration meeting, Rio/videocon (talks, session organisation)
 May 09 Invited Colloquium, MPIA, Bonn, Germany
 April 09 Talk in lensing symposium of JENAM, U Herts, UK
 Feb-Mar 09 Unable to travel for health reasons
 Nov 08 Dark Energy Survey Collaboration meeting, Ohio (multiple talks, session organisation)
 Oct 08 Invited seminar at Saclay, Paris
 Oct 08 Invited seminar and visit to ETH, Zurich
 Sep 08 Invited talk at Institut d'Astrophysique de Paris (IAP)
 Sep 08 Talk at European Conference on Machine Learning, Antwerp on GREAT08
 Aug 08 Invited seminar at JPL
 Aug 08 1 week invited visit to Jet Propulsion Laboratory, California
 Jul 08 Talk on the RIOJA project motivation
 Jun 08 Invited talk at CITA workshop "Upcoming lensing surveys: Beyond the obvious"
 Jun-Dec 08 On sabbatical at SAp CEA Saclay and IAS Orsay, Paris
 May 08 Invited talk at UK LSST discussion meeting, Edinburgh
 May 08 Invited seminar at Mullard Space Science Laboratory, UCL
 May 08 Invited talk at STScI Symposium on Dark Energy
 Apr 08 Talk at Dark Energy Survey Collaboration Meeting, Chile (by telecon)
 Apr 08 Talk at international Intrinsic Alignments Workshop, UCL
 Feb 08 Invited review talk at DUEL EU Network meeting, Leiden
 Jan 08 Talk at PASCAL Workshop, Slovenia. The GREAT08 PASCAL Challenge
 Dec 07 Invited opening talk of UK Young Astronomers Meeting, Edinburgh
 Oct 07 Organiser and main discussion leader of GREAT08 Workshop, Saclay, Paris
 Oct 07 Invited talk at Royal Astronomical Society Specialist Discussion Meeting
 Oct 07 Invited Colloquium, IfA Edinburgh
 Oct 07 Talk on "Intrinsic Alignments" at DUEL EU Network Workshop, Edinburgh
 Oct 07 Invited speaker at "From Planets To Dark Energy: The Modern Radio Universe", Manchester.

Sep 07 Discussion coordinator and talks at annual International DES Collaboration Meeting, UCL

Aug 07 Invited talk and invited discussion leader at STEP JPL workshop

Jul 07 Invited speaker at Portsmouth workshop on "Higher Order Statistics in Cosmology"

Jul 07 Talk at XXIIIrd IAP Colloquium

Jun 07 Invited Seminar, Portsmouth

May 07 Participated in DUNE workshop, Bonn

May 07 Talk at DES:UK meeting, UCL

Mar 07 Participated in DUNE workshop, UCL

Apr 07 Invited speaker at Marseille Weak Lensing Workshop

Dec 06 Speaker and co-organiser of Weak Lensing session of DES meeting, Chicago

Nov 06 Invited Colloquium, Heidelberg University

Nov 06 Invited Seminar to cosmology group, Oxford

Nov 06 Invited Seminar, Nottingham

Nov 06 Invited Lecturer, Gravitational Lensing School, Acireale, Sicily

Oct 06 Participated in DUNE workshop, Paris

Aug 06 Speaker and invited participant at Leiden Oort Workshop on Gravitational Lensing

Jun 06 Invited opening talk at "Bayesian Statistics in Cosmology" meeting, Sussex

May 06 Talk in "Galaxy clustering" working group meeting at DES workshop, Barcelona

May 06 Session organiser/chair of "Weak Lensing" working group meeting at DES collaboration meeting, Barcelona

May 06 Participated in WFMOS workshop, Edinburgh

May 06 Invited seminar, Davis, California, and 2 week visit

Feb 06 Invited talk, Birmingham

Jan 06 Invited seminar, Marseille

Nov 05 Invited talk at Gemini / Subaru Dark Energy Workshop, Hawaii

Nov 05 Invited talk at Stanford Annual Gravitational Lensing Workshop

Nov 05 Invited talk at UC Davis

Nov 05 Two presentations at Dark Energy Survey workshop, Michigan

Oct 05 Invited seminar at MSSL, UCL

Jul 05 Invited speaker STEP workshop, JPL

Jun 05 Talk at Portsmouth Dark Energy meeting

Apr 05 Invited seminars at Irvine, Berkeley, Davis, tea-talk at Stanford.

Dec 04 Fermilab Workshop "Fundamental Physics from Clusters of Galaxies"
Invited plenary talk: 'Complementarity of cosmic shear and supernovae'

Nov 04 Jodrell Bank, Manchester Seminar : Invited talk: 'Quantifying Dark Energy'

Oct 04 Queen Mary College London Seminar: Invited talk: 'Quantifying Dark Energy'

Oct 04 University College London Seminar: Talk: 'Quantifying Dark Energy'

Sept 04 Toronto COSMO04 conference
Talk: 'Testing for a superacceleration phase of the Universe'

Aug 04 Canadian Institute of Theoretical Physics (CITA) Colloquium
10 day visit and Invited talk: 'Quantifying Dark Energy'

July 04 Lausanne Gravitational Lensing Conference: Poster: 'Bayesian Galaxy Shape Estimation'

May 04 Durham Seminar: Invited talk: 'Quantifying Dark Energy'

April 04 University of New South Wales, Australia: 10 day visit. Invited seminar.

March 04 Moriond, Italy Cosmology Conference Talk: 'Detecting a superaccelerating phase of the Universe'

Feb 04 Oslo Seminar Invited talk: 'Quantifying Dark Energy'

Dec 03 Leicester Colloquium: Invited talk: 'Post-WMAP Cosmology'

Nov 03 Sussex Colloquium: Invited talk: 'Testing the Cosmological Model'

Nov 03 Edinburgh Colloquium: Invited talk: 'Post-WMAP Cosmology'

Nov 03 Groningen Colloquium: Invited talk: 'Post-WMAP Cosmology'

Jul 03 Sydney IAU symposium 216 (Maps of the Cosmos).
Talk: 'The primordial power spectrum'

Jul 03 AAO Sydney. 6dF galaxy survey workshop.
Talk: 'The significance of σ_8 and Ω_m measurements'

Jun 03 Aspen workshop on CMB: Talk: A non-zero neutrino mass from cosmological data

Apr 03 DAMTP, Cambridge, GR lunch: Invited talk: 'Cosmology from WMAP'

Apr 03 NORDITA, Copenhagen, Friday lunch talk.
1 week visit and invited talk: 'Precision Cosmology? Not just yet...'

Mar 03 IoA, Cambridge, 'Wednesday lunch seminar': Talk: 'Cosmology from WMAP'

Mar 03 London, 'Royal Astronomical Society meeting': Talk: 'Latest CMB cosmological parameter constraints'

Feb 03 Oxford, 'CMB Network 2-day meeting': Talk: 'Primordial power spectrum reconstruction'

Feb 03 Nottingham, Physics and Astronomy Seminar.
Invited talk: 'Is the Era of Precision Cosmology Here Yet?'

Oct 02 Glasgow, Physics and Astronomy Seminar.
Invited talk: 'Is the Era of Precision Cosmology Here Yet?'

Oct 02 QMW, London, Physics and Astronomy Seminar.
Invited talk: 'Is the Era of Precision Cosmology Here Yet?'

Aug 02 Birmingham, Workshop: 'Mapping the Mass'.
Talk: 'What is the matter fluctuation amplitude?'

Jun 02 Aspen workshop, 'Structure Formation in the Era of Large Surveys'.
participation for 3 weeks including 2 talks.

May 02 Imperial, London, Physics and Astronomy Seminar.
Invited talk: 'What is the matter fluctuation amplitude?'

April 02 Cambridge, 'GR Lunch Seminar'.
Talk: 'What is the matter fluctuation amplitude?'

Mar 02 Bristol, 'NAM Statistical Astronomy Session'.
Talk: 'Hyper-parameters and Bayesian Evidence'

Jan 02 Cambridge, 'OxCam5: Crisis in CDM?'.
Talk: 'Normalisation from 2dFGRS+CMB'

Nov 01 Bonn, 'LensNET meeting'.
Talk: 'Latest work on gravitational lensing'

Aug 01 Cambridge, 'Inferential Sciences Seminar'.
Talk: 'Galaxy Ellipticity Estimation'

Jul 01 Cambridge, 'Lensing by Large Scale Structure'.
Talk: 'Galaxy Shape Fitting'

Jul 01 Sesto, 'Clusters of Galaxies'.
Poster: 'Comprehensive study of a $z=0.2$ complete massive cluster sample'

Jun 01 Rencontres de Blois Conference, 'Frontiers of the Universe'.
Invited talk: 'Dark Matter in Clusters of Galaxies'

May 01 Yale, Workshop on Galaxy Shapes.
Talk: 'A New Method for Determining Galaxy Shapes'

May 01 IfA Honolulu Colloquium and 6 day visit
Invited talk: 'A Bayesian Approach to Weak Lensing'

Mar 01 Moriond, 'The X-ray Universe'.
Talk: 'Lensing Results from a low luminosity $z=0.2$ clusters sample'

Aug 00 IAU, Manchester, Symposium 201.
Invited talk: 'Cosmic Data Fusion'

Jul 00 Toulouse, attended meeting 'The Sunyaev-Zeldovich Effect', and visited J-P Kneib.

Mar 00 Moriond, 'Cosmological Physics with Gravitational Lensing'.
Talk: 'Maximum-Entropy Cluster Mass Reconstruction'

Feb 00 Oxford Astrophysics Group
Invited talk: 'Reconstructing Cluster Mass Distributions using Weak Gravitational
Lensing'

Jan 00 Moriond, 'Energy Densities in the Universe'.
Talk: 'Cosmological Parameters from Combining Data Sets'

Oct 99 Cavendish Astrophysics Group Seminar:
Talk: 'A Bayesian Approach to Detecting Dark Matter'

Aug 99 Isaac Newton Institute, Cambridge, 'Structure Formation in the Universe'.
Talk at the IoA Cambridge:
'Combining Cosmic Clues from CMB, IRAS, Clusters and Peculiar Velocities'

Jul 99 Boston, MA, 'Gravitational Lensing: Recent Progress and Future Goals'.
Poster: 'Maximum-Entropy Cluster Reconstruction from Weak Lensing Data '

Apr 99 2 weeks visiting O. Lahav and A. Dekel, Hebrew University of Jerusalem, Israel.
Invited talk: 'Cosmological Parameter Estimation Using CMB and other LSS Data'

Dec 98 Strasbourg, 'Cosmological Constraints from Clusters of Galaxies'.
Talk: 'Cosmological Parameters from CMB, IRAS and Cluster Abundances'

Dec 98 Cross Cambridge Cosmology Seminar:
Talk: 'Cosmological Parameters from Combining Data Sets'

Supervision of research students

Co-supervisor PhD **Katie Noble** (2023-), University of York
 Co-supervisor PhD **Sam Buckley** (2023-), University of York
 Co-supervisor PhD **Suzanne Om** (2022-), University of York
 Main supervisor PhD **Juan Pablo Cordero** (2017-2021), University of Manchester
 Main supervisor PhD **Jack Elvin-Poole** (2015-2018), University of Manchester
 Main supervisor PhD **Simon Samuroff** (2014-2017), University of Manchester
 Main supervisor PhD **Niall MacCrann** (2012-2016), University of Manchester
 Main supervisor for PhD **Tomasz Kacprzak** (2010-2014), University College London
 Co-supervisor PhD **Emma Chapman** (2010-2013), University College London
 Main supervisor PhD **Emily Hall**, (2009-2017), University College London
 Co-supervisor PhD **Adam Hawken**, (2008-2012), University College London
 Main supervisor PhD **Donnacha Kirk**, (2008-2011), University College London
 Co-supervisor PhD **Angeliki Kiakotou**, (2005-2011), University College London
 Effective main supervisor PhD **Kathinka Evans**, Oslo (2004-2009)
 Main supervisor PhD **Alexandra Abate**, (2004-2008), University College London
 Co-supervisor PhD **Anais Rassat**, UCL (2004-2008), University College London
 Main PhD supervisor **Keith Biner**, UCL (2005-2007, terminated), University College London
 Main PhD supervisor **Fergus Simpson**, (2003-2006), IoA Cambridge

Supervision of PDRA's and software developers

Responsible for PDRA **Juan Pablo Cordero** (2021-), University of York
 Responsible for PDRA **Angelina Frankowska** (2019-2022), University of Manchester
 Responsible for PDRA **Carla Adriano Martins** (2020), University of Manchester
 Responsible for PDRA **Lucia Fonseca de la Bella** (2019-2021), University of Manchester
 Responsible for PDRA **Alana Kluczkowski** (2019-2021), University of Manchester

Responsible for PDRA **Ian Harrison** (2018-2021), University of Manchester
Responsible for PDRA **Eleonora di Valentino** (2017-2020), University of Manchester
Responsible for PDRA **Joseph Fennell** (2017-2020), University of Manchester
Responsible for software developer **Richard Rollins** (2016-2021), University of Manchester
Responsible for PDRA **Nicolas Tessore** (2016-2020), University of Manchester
Responsible for software developer **Dale Mellor** (2016-2019), University of Manchester
Responsible for PDRA **Niall MacCrann** (2016), University of Manchester
Responsible for PDRA **Michael Troxel** (2014-2016), University of Manchester
Responsible for PDRA **Joe Zuntz** (2010-2016), UCL and University of Manchester
Responsible for PDRA **Barney Rowe** (2011-2014), University College London
Responsible for PDRA **Michael Hirsch** (2011-2014), University College London
Co-supervisor of PDRA **Donnacha Kirk** (2008-2011), University College London
Co-supervisor of PDRA **Cris Sabiu** (2010-2012), University College London
Responsible for PDRA **Ole Host**, (2009-2012), University College London
Responsible for PDRA **Lisa Voigt** (2006-2013) (totaling 3 years FTE), University College London
Responsible for PDRA **Eduardo Cypriano** (2005-2008), University College London

Undergraduate and masters project and visiting student supervision:

Ben Cutting (supervisor of undergraduate project 2020-21), University of Manchester
Luis Perez Lombardia (supervisor of undergraduate project 2020-21), University of Manchester
Jade Ajagun-Brauns (supervisor of undergraduate project 2019-20), University of Manchester
Joanne Cook (supervisor of undergraduate project 2019-20), University of Manchester
Peter Pedersen (supervisor of undergraduate project 2016-17), University of Manchester
Tim O'Sullivan (supervisor of undergraduate project 2016), University of Manchester
Jack Elvin-Poole (supervisor of undergraduate project 2014-15), University of Manchester
Susana Fernandez (supervisor of undergraduate project 2014-15), University of Manchester
Juliana Murray (supervisor of summer project 2014), University of Manchester
Aaron Peters (supervisor of Masters by Research project 2013-14), University of Manchester
Stephen Kelly (supervisor of undergraduate project 2011-12), University College London
Brook Tewelde, Joseph Barkham (In2Science Project placement scheme for gifted A-level Science students from disadvantaged backgrounds, 2 weeks in 2011), University College London
Emer Brady (co-supervisor of summer project 2010), University College London
Steven Tame (co-supervisor summer project 2009), University College London
Yolanda Jimenez-Teja (1 month visit during PhD in Granada, Spain 2009), University College London
Benjamin Joachimi (6 month visit during PhD in Bonn, Germany 2009), University College London
Katarina Markovic (summer project 2007, undergraduate project 2007/08 – Prize for best astrophysics project of the year, summer project 2008 – currently PhD student in Munich), University College London
Adam Hawken (summer project 2007, undergrad project 2007/08, summer project 2008 – currently PhD student at UCL), University College London
Stephen Harrison (undergraduate project 2007/08)
Darius Bahirey (masters project 2007-2008, terminated for personal reasons), University College London
Theseaus Papadopoulos (co-supervisor masters project 2007-2008), University College London
James Kingston (co-supervisor masters project 2006-2007, co-supervisor summer project 2007), University College London
Richard Cook (undergraduate project 2006/2007 and summer project 2007 - co-supervisor), University College London

David Sutton (undergraduate project 2005/2006 – Prize for best astrophysics project of the year; summer project 2006; currently PhD student in Oxford), University College London
Geraldine Marien (undergraduate project 2005/2006), University College London
Jay Joshi (undergraduate project 2005/2006), University College London
Iraklis Konstantopoulos (undergraduate project 2004/2005), University College London
Jennifer Roderick (undergraduate project 2004/2005) Prize for best astrophysics project of the year), University College London

Other mentoring activities

2019-20 Member of Department of Physics and Astronomy JUNO Advisory Board
2015 Talk and panel chair at STFC introductory summer school (Cardiff) “What is a PhD”
2015 Talk at Manchester Physics Fellowships workshop (20 people)
2014 Talk at Manchester EPS Faculty Fellowships workshop (100 people)
2014 Mock Oxbridge interviews for students from disadvantaged backgrounds, Loreto College
2013-2015 Member of Manchester School of Physics JUNO Cmtee
2013-2015 Member of Manchester School of Physics and Astronomy Equality and Diversity Cmtee
2013 Session speaker for Royal Society new Research Fellows Induction Day, London
2013-2015 Co-organiser of Women’s lunches at School of Physics and Astronomy, Manchester
Jul 11 Ran astronomy careers session for UCL Astrophysics Group
May 10 Talk, “My Research and Career” at DES Early Career Scientists meeting, Madrid
Apr 10 Talk, “My Research and Career” at “She is an Astronomer” meeting, London
Sep 09 Organiser of UK Work-Life Balance in Astronomy 2009 Workshop, UCL
2008-2009 Organiser of UCL Women in Physics and Astronomy monthly meetings
I tweet @sarahbridle especially about astronomy and agrifood developments at the level of a lay-person and to pass on career advice.

Teaching and Learning

2022- Tutor 1st, 2nd, 3rd year students, termly progress reports, University of York
2021 Tutor, 5 2nd year students, weekly 1 hour tutorials, Manchester
2020-2021 Coordinator of Special Topics lectures to 1st year Manchester
2019-2021 Lecturer of Physics of Energy Sources, to 1st year Manchester
2014-2021 Personal tutor, 5 3rd year students
2013-2021 Personal tutor, 5 2nd year students
2013-2021 Tutor, 5 1st year students, weekly 1 hour tutorials, Manchester
2013-2021 Weekly interviews of prospective undergraduates, Manchester
2014 Replacement lecturer, 1 lecture 3rd year Cosmology, Manchester
2010 Lecturer, STFC introductory summer school for PhD students (1 lecture)
2005/2007 Tutor, 3 students, weekly 1 hour tutorials, UCL
2004/2005 Tutor, 5 students, weekly 1 hour tutorials, UCL
2004 Lecturer, 4 Graduate Lectures, University College London
2003-2004 Graduate Tutor, IoA Cambridge
2003-2004 Director of Studies in Physics, Selwyn College
2002-2004 Weekly tutorials, 2nd year undergraduate physics, Selwyn College
2002 Supervisor of a summer student, IoA Cambridge
2002 Advisor, 3rd year undergraduate astronomy, IoA Cambridge
2001/2002 Weekly tutorials, 3rd year undergraduate astronomy, IoA Cambridge
2001/2002 Weekly tutorials, 1st year undergraduate physics, Selwyn College
1999/2000 Pupil Researcher Initiative placement, at the Perse Girls School

1998/1999 Weekly tutorials, 1st year undergraduate physics, Pembroke College
1999 Lecturer, Jodrell Bank/Cambridge Statistics Workshop (Cambridge)
1998&9 Demonstrator, 4th year undergraduate Physics Examples Class
1998&9 Personal tutor for undergraduate student at Bangor University
1997/8 Weekly tutorials, 2nd year undergraduate physics, Pembroke College and Trinity
Hall
1997 Demonstrator, Physics Part II Computing Course
1996 STIMULUS placement, teaching science in Primary School