

Dr Sally Anne Gibson PhD, FGS, AGU, MinS, EAG

Reader in Petrology & Geochemistry, Dept of Earth Sciences, University of Cambridge
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Education/Qualifications

1982– 1985. BSc Special Honours, Geology (2.1) University of Sheffield, UK

1975 – 1982. Highlands Grammar School, Halifax, West Yorkshire, UK

1985 – 1988. Ph.D entitled '*Mineralogy, Petrology and Geochemistry of the Trotternish Sill Complex, N. Skye, Scotland*'. Kingston Polytechnic, UK.

Professional History

2012 – present. Reader in Petrology & Geochemistry, Dept of Earth Sciences, University of Cambridge, UK

2001 – 2012. University Senior Lecturer, Dept of Earth Sciences, University of Cambridge University

1995 – 2001. Lecturer, Dept of Earth Sciences, University of Cambridge, UK

1992 – 1995. NERC Senior Research Assistant, Dept of Geological Sciences, University of Durham, UK. '*Cretaceous plume-lithosphere interaction & alkalic magmatism in Brazil and Paraguay*'

1989 – 1991. NERC Senior Research Assistant, Dept of Geological Sciences, University of Durham, UK. '*Continental basaltic and basalt-related magmatism*' (*Oligocene-Quaternary magmatism of the Rio Grande rift and surrounding region, USA*)

Other appointments and Affiliations: University of Cambridge

2015 - 2016: Acting Director, Sedgwick Museum of Earth Sciences,

2016. Senior Part II Examiner, Department of Earth Sciences

2012 – 2017: Careers Officer, Department of Earth Sciences

2010 – 2013: Faculty Board & Degree Committee, Department of Earth Sciences & Geography

2010 – Present: Manager of Earth Sciences geochemistry and sample preparation laboratories,

2010 – Present: Honorary Curator of Petrology, Sedgwick Museum (Elected)

2001 – 2015: Course Co-ordinator, 1B Geological Sciences B

2001 – Present: Manager of Laser-Ablation Inductively-Coupled-Plasma Mass-Spectrometry laboratory, Department of Earth Sciences

1997 – Present: Member of numerous Appointment Committees and Advisory Groups

Professional Societies

2014 – Present: Member of the European Association of Geochemistry

1996 – Present: Member of the Mineralogical Society of Great Britain & Ireland

1990 – Present: Member of the American Geophysical Union

1985 – Present: Fellow of the Geological Society of London

Synergistic activities external to University of Cambridge since 2007

Regularly give oral presentations at national/international conferences (e.g. AGU, EGU), review large grant proposals for NSF, CNPq, grant council for Eire, and review for high-ranking international scientific journals (e.g. Nature, Geology, Earth Planetary Science Letters, Journal of Petrology, Science)

2018 – 2021: Chair, Volcanic & Magmatic Studies Group, *Geological Society of London* (Invited)

2018 – 2022: External examiner, *University of Bristol*

2017: Session convenor, AGU (New Orleans)

2017: Session convenor, Goldschmidt (Paris)
2017 & 2008: Co-Scientist, Universities of Cambridge & Quito joint expedition to Galápagos
2015: Session convenor, EGU (Vienna, invited)
2014: Conference organiser, Deep Earth Processes, *Geological Society of London* (Invited)
2013 – 2015: External examiner, *Open University*
2013: Session convenor, IAVCEI (Japan, invited)
2011: Conference Organiser, Volcanic and Magmatic Studies Group, *Geological Society of London*
2010 – Present: Geoconservation Committee, *Geological Society of London* (Invited)
2010 – Present: UK Universities Teaching Consortium for Earth Sciences (Invited)
2010 – 2013: Professional Committee, *Geological Society of London* (Invited)
2010-2013: Member of Council, *Geological Society of London* (Elected)
2009 – Present: Trustee, CASP (formerly known as Cambridge Arctic Shelf Project)
2007 - 2010: Charles Darwin Bicentenary exhibit, Sedgwick Museum of Earth Sciences
2007 & 2008: Principal Scientist, Universities of Cambridge & Idaho joint expedition to Galápagos

Scientific Advisory boards

2012– Present: Scientific Advisory Board, Cambridge Arctic Shelf Project (Invited)
2012– 2014: Scientific & External Relations Committee, *Geological Society of London* (Invited)

Editorial boards

2015 – Present: Editorial Review Board, *Geology* (Invited)
1999 – 2008: Editor, *Journal of the Geological Society of London* (Invited)

Publications

60 peer reviewed publications, h-index=32, i10-index=43, citations=3345

Post-Doctoral Research Assistants/Fellows

J. Day (2002 - present). Development of protocols for LA-ICP-MS analysis of diverse materials
D. Neave (2014 - 2015). Development of concepts and methodologies for the remote mapping of Rare Earth Element mineralised carbonatites (BAS/University of Cambridge partnership)
M. Stock (2016 - present). Understanding the workings of Galápagos volcanoes (Christ's College JRF)
L. Moreau (2015- present). Constraints on human migration routes across Europe: Analysis of archaeological and geological flint samples by LA-ICP-MS (Marie Curie)

PhD and MSci Student Supervision Examination

Principal supervisor of 15 PhD students (all completed in <4 years).
Principal supervisor of 15 MSci students (>50% awarded 1st).
External examiner of 18 PhD theses (England, Wales, Scotland, N. Ireland and Finland)

Prizes, Awards and other Honours

2017: *Harold Wilson Memorial Lecture*, Ulster Museum, Belfast
2014: *Hallimond Lecture Prize* for outstanding contribution to mineralogy & petrology, Mineralogical Society of Great Britain & Ireland
2008: *Sedgwick Prize* for field research, University of Cambridge
2002: *Pilkington Prize* for teaching, University of Cambridge
