

## **Dr Sally Anne Gibson** PhD, FGS, AGU, MinS

Reader in Petrology & Geochemistry

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### **Career & Education Summary**

Reader in Petrology & Geochemistry, Dept of Earth Sciences, University of Cambridge (2012 – Present)

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

University Lecturer, Dept of Earth Sciences, University of Cambridge (1995 – 2001)

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

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

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

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

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### **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

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### **Awards & Prizes**

2014: *Hallimond Lecture*, Mineralogical Society of Great Britain & Ireland

2008: *Sedgwick Prize* for field research, University of Cambridge

2002: *Pilkington Prize* for teaching, University of Cambridge

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### **Other Appointments and Affiliations**

#### **University of Cambridge**

2012 – Present: Careers Officer, Department of Earth Sciences

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

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

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

2006 – Present: Electron microprobe committee, Department of Earth Sciences

2001– Present: Course co-ordinator, NST 1B Geological Sciences B

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

2000 – Present: Womens Representative, Department of Earth Sciences

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

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### **PhD Student Supervision**

J.A. Brod (1994 –1998). Petrogenesis of the Tapira and Salitre carbonatite complexes, SE Brazil.  
N.V.C. Rao (1995 – 1997). Petrogenesis of the Proterozoic kimberlites and lamproites from the Cuddapah Basin and Dhawar Craton, South India.  
M. Anand (1997– 2001). Tectonomagmatic evolution of the Cuddapah Basin, India.  
P. Smith (1997 –2001). Magmatic insights into lithospheric behaviour during continental extension.  
J.C. Greenwood (1996 –2001). Geochemical evolution of the Trindade mantle plume.  
M. Roberts (1998 – Sept 2002). Quaternary volcanism in the East African Rift.  
J. Garner (1999 – 2002). Mantle melting and lithospheric extension beneath the Baikal Rift.  
J. Tuff (2002 – 2005). Compositional heterogeneity of the Earth's mantle.  
L. Gibson (2008 – 2012). Composition and evolution of the Antarctic mantle.  
E. Jennings (2011 – Present). Compositional heterogeneity of the Earth's convecting mantle: constraints from olivine hosted melt inclusions.  
E. Rooks (2012 – Present). Subcontinental lithospheric mantle evolution of the southern Gondwana margin

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### **Scientific Advisory Boards**

2012: Invited Member of Scientific Advisory Board, *Cambridge Arctic Shelf Project*  
2012: Invited Member of Scientific and External Relations Committee, *Geological Society of London*

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### **Editorial Boards**

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

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### **Synergistic Activities External to University of Cambridge**

2014: Conference organiser, Deep Earth Processes, *Geological Society of London*  
2013 – 2015: External examiner, *Open University*  
2010 – Present: Invited member UK Universities Teaching Consortium for Earth Sciences  
2010 – 2013: Professional Committee, *Geological Society of London*  
2010-2013: Member of Council, *Geological Society of London* (Elected)  
2007- 2010: Charles Darwin Bicentenary exhibit, *Sedgwick Museum of Earth Sciences*  
2007 & 2008: Principal Scientist, joint Cambridge-Idaho expedition to Galápagos  
2001 – 2002: Peer Review Committee, *Enterprise Ireland Grants*  
1997 & 2011: Conference Organiser, Volcanic and Magmatic Studies Group (*Geological Society of London*)  
1997 – 2000: Elected member of the Geochemistry Group Committee (*Mineralogical Society*)  
1994 – 1998: Elected member of the Volcanic Studies Group Committee (*Geological Society of London*)