

# ATHENE M DONALD, FRS

## Brief Biography

### Present Employment :

1998- Professor of Experimental Physics, Department of Physics, University of Cambridge.  
2003- Deputy Head of Department (with special responsibility for Finance and Resources from 2005)

### Education :

1971 - 4 Cambridge University, B.A. Natural Sciences (Theoretical Physics) 1st class. Girton College Prize and Graduate Scholarship.  
1974 - 7 Cambridge University, Ph.D. College graduate scholarship.

### Previous employment:

1977 - 81 Cornell University (Department of Materials Science and Engineering), Postdoctoral associate.  
1981 - 3 SERC Fellowship held at the Department of Metallurgy and Materials Science, Cambridge University.  
1983 - 5 Royal Society 1983 Research Fellowship held at the Cavendish Laboratory, Cambridge.  
1985 - 95 Lecturer in the Department of Physics, University of Cambridge.  
1995- 8 Reader in Experimental Physics, University of Cambridge

### Prizes and Awards

1989 Charles Vernon Boys Prize of the Institute of Physics.  
1989 Samuel Locker Award in Physics (University of Birmingham; £5000)  
1995 Rosenhain Medal and Prize (Institute of Materials)  
1999 Elected Fellow of the Royal Society  
2003 William Hopkins Prize of the Cambridge Philosophical Society  
2005 Mott Medal of the Institute of Physics  
2006 Bakerian Prize Lecturer of the Royal Society  
2009 L'Oreal/UNESCO For Women in Science Laureate for Europe  
2009 Founders Prize of the IOP Polymer Physics group

### Selected National and International Committees and Responsibilities

1994-7 Member of OST Foresight Technology Panel on Food/Drink  
1994- Member EPSRC College  
1994-6 IOP Schools Lecturer for 1995/6  
1999-03 Member Governing Council for BBSRC Institute of Food Research and Science Sub-Committee  
1999-02 Member BBSRC Agrifood Committee  
2001 Advisor to RAE in Biophysics  
2001 Member Research Council Panel for Basic Technology  
2001- Member of the Polymer Physics Group Committee of the IOP  
2002-4 Member Physics Strategic Advisory Team for the EPSRC  
2002 Member Panel to choose new Director of ESPCI, Paris  
2002 Member International Jury for the L'Oreal/Unesco Women in Science Awards  
2002- Member Scientific Steering Committee for 2<sup>nd</sup> Target Station at ISIS (CLRC)  
2003- 4 Member BBSRC Strategy Board  
2003-4 Chair BBSRC Panel on Bioinformatics and E-science  
2004- Chair Dorothy Hodgkin Fellowship Committee (Physical Sciences) Royal Society  
2004-6 Member Mullard Medal Committee of the Royal Society  
2004- Member Scientific Advisory Board for the University of Bristol Physics Department  
2004-6 Member Council of the Royal Society  
2005-08 Member RAE 2008 Physics Sub-Panel (UOA 19)  
2006-8 Member Royal Society Innovation Panel  
2006- 1<sup>st</sup> Chair of Biological Physics Group of the IOP  
2006 - Member International Scientific Committee for ESPCI, Paris  
2006 -7 Member Academic Stakeholder Forum for KT Network in Innovative Chemistry (DTI)  
2006- Expert Member of Panel for the Chair in Physical Chemistry, Uppsala University  
2007 -8 Chair BBSRC review of EBS portfolio

2007- Interim Director of the Physics of Medicine Initiative in Cambridge University  
 2008 Member Panel L'Oreal For Women In Science Jury  
 2009- Chair Athena Forum (Deputy Chair from September 2008-9)  
 2010- Chair BBSRC Committee C (Technological and Methodological Development)  
 (Deputy Chair 2009)

### **Departmental and University Committees and Responsibilities**

1994- Elector for the Oliver Gatty Studentship in Cambridge University  
 1999-0 Member University Library Syndicate, and Appointments Sub-Syndicates  
 1999- Member University Library Science Subcommittee  
 2001 General Board member of Computing Faculty Appointments Committee  
 2002-5 Member Departmental Senior Management Group  
 2003- 4 Member Faculty Promotions Panel  
 2003-5 Deputy Head of Department  
 2004-5 Member General Board Standard Review Committee of Department of Materials Science  
 2004 Elector to the 1875 Chair of Engineering, University of Cambridge  
 2004 Elector to the Schlumberger Professorship of Complex Physical Systems, University of Cambridge  
 2004- Theme leader for Biophysics in the Cavendish –KAIST (Korean) collaboration  
 2004- Elector to the Herschel Smith Professorship of Physics, University of Cambridge  
 2004-5 Chair Departmental Personnel Committee  
 2004- Elector to the Professorship of Medical Physics, University of Cambridge  
 2005- General Board Appointee on the Senior Promotions Panel for Veterinary Medicine.  
 2005- Deputy Head of Department with responsibility for Finance and Resources  
 2005- Chair Departmental Finance Committee  
 2006 Elector to the Goldsmiths Professorship of Materials Science  
 2006 Elector to the Professorship of Physics and the Jacksonian Professorship of Natural Philosophy  
 2007- Director of WiSETI (Women in Science, Engineering and Technology Initiative)  
 2008 - Member Equality and Diversity Committee  
 2008- Member School of Physical Sciences Senior Promotions Panel  
 2009- Member University Council  
 2009- Member Human Resources Committee  
 2009 Member Gender Representation Working Group

### **Editorial Work and Conference Organisation**

1998-9 Symposium organiser on Materials Science of Food at MRS (Boston) Fall 1999 meeting.  
 1998- Member Editorial Board, Polymer International  
 1999-01 Member Organising Committee IOM Conference Polymers 01 (Bath)  
 1999- Member Advisory Board, Journal Macromolecular Science - Physics  
 1999- Member Editorial Advisory Board, International Journal of Biological Macromolecules  
 1999-04 Founder Editor-in Chief European Physical Journal E; now International Advisor to the Editorial Board  
 2001- Member Macromolecular Physics Board of the European Physical Society  
 2000-3 Volume Organiser for MRS Bulletin for 2003.  
 1999- Member Organising Committee for Annual High Polymer Research Group Conference.  
 2003-5 Member Organising Committee for IOP2005, the Einstein Year Conference, plus the Programme Committee for the Physics in Biology sub-theme  
 2003-6 Member CU Philosophical Society Council  
 2006- Member Editorial Board for Food Processing and Manufacture  
 2006- Co-Chair of organising committee for Faraday Discussion (2008) on the Importance of Polymers in Biology  
 2008 Symposium Organiser for MRS Symposium in 2010 (Protein and peptide self assembly)