

## C.V. Paul Alexander Glendinning

Date of birth: 22 July 1959  
Place of birth: London, U.K.  
Nationality: British  
Address: School of Mathematics,  
University of Manchester,  
Oxford Road  
Manchester M13 9PL  
Tel: (0161) 275 5893  
Email: p.a.glendinning@manchester.ac.uk

### Academic Career

Oct. 2004 - Professor of Applied Mathematics,  
University of Manchester  
(Head of School, 2003-2008)  
Jan. 2000 - Sept. 2004 Professor of Applied Mathematics,  
UMIST, Manchester  
Jan. 1996 - Dec. 1999 Professor of Applied Mathematics,  
Queen Mary and Westfield College, London  
Lecturer and Fellow at Cambridge before this (PhD 1985).

### Prizes

2009: Catherine Richards Prize of IMA  
2008: Catherine Richards Prize of IMA  
1992: Adam's Prize, University of Cambridge  
May 1984: Smith's Prize, University of Cambridge

### Other:

Fellow of the IMA, Member of the LMS.  
One of 20 UK mathematicians featured in EPSRC funded exhibition 'Faces of Mathematics', Oxford, 2001.

**Research Students:** Include Toby Hall (now University of Liverpool), James Robinson (now University of Warwick), Carlo Laing (now University of Aukland).

### Recent Research Grants:

2001-2004 (co-PI with D. Broomhead) EPSRC Grant (N. Sidorov) (approx £180000)  
2007- (co-PI) EPSRC grant CICADA (£1.7M)  
2009 Royal Society Travel Grant: SIAM Dynamical Systems (£1800)

### Some Recent Publications

[62] P. Glendinning (2010) Bifurcations of snap-back repellers with application to the border-collision normal form', to appear (Feb. 2010) Int. J. Bifn. Chaos  
[61] P. Glendinning and P. Kowalczyk (2010) 'Micro-chaotic dynamics due to digital sampling in hybrid systems of Filippov type', Physica D, 239, 58-71  
[60] P. Glendinning and P. Kowalczyk (2009) 'Dynamics of a hybrid thermostat model with discrete sampling time control', Dynamical Systems IJ, **23** 343-360.  
[59] P. Glendinning, T. Jaeger and J. Stark (2009) 'Strangely dispersed minimal sets in the quasiperiodically forced Arnold circle map', Nonlinearity 22 835-854  
[58] 'Border collision bifurcations, snap-back repellers, and chaos' (2009) Physical Review E (Vol.79, No.2): DOI: 10.1103/PhysRevE.79.025202 (with C.H. Wong).  
[57] 'How chaotic are strange non-chaotic attractors?' (2006) Nonlinearity, 19, 2005-2023 (with G.Keller and T.Jaeger).  
[53] 'The non-smooth pitchfork bifurcation' (2004) Discrete and Continuous Dynamical Systems B 4, 457-464.  
[52] 'The mathematics of motion camouflage' (2004) Proc. Roy. Soc. (London) Series B 271 477-481.