

ANTHONY MILLNER

D.Phil. (*Oxon*), MA.St. (*Cantab*), M.Sc. & B.Sc. (Hons.) (*Cape Town*)

PERSONAL DETAILS

- Address: 1211 Peralta Ave
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- Marital Status: Married
- Citizenship: South African

EDUCATION

University of Oxford, United Kingdom (2006-2010)

- D.Phil. (PhD.), Oxford University Centre for the Environment.
Topic: Information, decisions, and behaviour: Theoretical essays on the value of climate predictions.

University of Cambridge, United Kingdom (2004-2005)

- Nelson Mandela Magdalene College Cambridge Scholarship –
Master of Advanced Studies (Part III of the Mathematical Tripos), with a focus on theoretical physics.
Awarded with Distinction (June 2005).

University of Cape Town, South Africa (2000-2004)

- M.Sc. by dissertation in Applied Mathematics – Awarded with Distinction (June 2005).
Topic: Noncommutative phenomena in flat and curved space-times.
- Bachelor of Science Honours in Applied Mathematics, specializing in Mathematical Physics. Awarded with Distinction. (2003)
- Awarded Bachelor of Science (with Distinction) in 2002, with subject Distinctions in Mathematics, Applied Mathematics, and Physics. Also studied English literature to 2nd year level, obtaining a first class grade.

Awards and Scholarships

- Commonwealth Scholarship for doctoral study at the University of Oxford (2006-2009)
- Nelson Mandela - Magdalene College scholarship for postgraduate study at the University of Cambridge (2004-5)

- Southern African Association for the Advancement of Science (S2A3) medal – For best Master’s thesis in the Sciences in South Africa (2005)
- Edward Waring prize for Mathematics –
Awarded to best mathematics student at Magdalene College, Cambridge (2005)
- Rajiv Gandhi Travelling scholarship to India (2007)
- Fellow of the Cambridge Commonwealth Society
- Commonwealth Scholarship for PhD Study in theoretical physics, University of Cambridge - Declined (2005).
- Appointed Research Associate of the University of Cape Town, in recognition of research excellence at Master’s level. (2004)
- National Research Foundation of South Africa Prestigious Scholarship for Master’s study (2004)
- National Research Foundation of South Africa Scarce-Skills Scholarship (2003)
- National Research Foundation of South Africa Honours Scholarship (2003)
- University of Cape Town Council Honours Scholarship (2003)
- Placed on the Dean’s Merit List, University of Cape Town (2000-2002)
- University of Cape Town Merit Entrance Scholarship (2000-2002)
- Dr. D.J. Van der Bijl Scholarship from ESKOM, University of Cape Town(2000-2002)
- G.A. Reynolds Entrance Scholarship, University of Cape Town (2000-2002)

EMPLOYMENT HISTORY

- Ciriacy-Wantrup Postdoctoral Fellow in the Department of Agricultural and Resource Economics, University of California, Berkeley. (September 2010-2012)
- Postdoctoral Research Fellow at the Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science (2009-10)
- College Lectureship, Keble College, Oxford University (2006-2008)
- Internship at Risk Management Solutions, London, the world’s largest risk modelling firm. Focussed on instruments for managing weather and extreme event risk. (Summer 2007)
- Employed at the African Institute for the Mathematical Sciences (AIMS) as a full-time tutor (2005/6).

PUBLICATIONS

- ‘Transmogrifying Fuzzy Vortices’ – Journal of High Energy Physics: JHEP04(2004)009
- ‘Getting the most out of ensemble forecasts: A valuation model based on user-forecast interactions’, Journal of Applied Meteorology and Climatology, Vol 47, Issue 10, 2008.
- ‘Carbon finance and rural electrification: an analysis of the West Nile Electrification Project’, with Matthew Wilhelm-Solomon, to appear in The Clean Development Mechanism in Africa, published by the Institute for Security Studies, completed 2008.
- ‘What is the true value of forecasts?’ – Weather, Climate and Society, Vol 1, Issue 1, 2009.
- ‘What determines perceived value of seasonal climate forecasts? – A theoretical analysis.’, with Richard Washington – Global Environmental Change, vol. 21, 1, 2010.
- ‘Climate Prediction for Adaptation – Who needs what?’ – forthcoming, Climatic Change.
- ‘Adaptation in the UK: A decision-making framework’ – Report for the UK government’s Climate Change Committee, co-author, 2010.
- ‘Ambiguity and climate policy’ – NBER working paper 16050, with Simon Dietz and Geoffrey Heal
- ‘Ambiguity is another reason to mitigate climate change’, with Simon Dietz and Geoffrey Heal, VoxEU, 2010

ACADEMIC INTERESTS

- Climate change economics and science.
- Normative foundations of economic theory, especially decision under uncertainty and welfare frameworks.
- Philosophy of science and political philosophy.
- Forecasts, climate models, and the value of information.