

Curriculum Vitae: Dr. Gareth John Dyke

Date of Birth: 26th January 1976

Present Position:

2011- **Senior Lecturer in Vertebrate Palaeontology**

School of Ocean and Earth Sciences (National Oceanography Centre), University of Southampton, Waterfront Campus, European Way, Southampton SO14 3ZH UK.

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www.soton.ac.uk/oes/about/staff/gjd1n10.page

Other Positions:

2002- **Research Associate**, American Museum of Natural History, New York.

2003- **Research Associate**, National Museum of Ireland, Dublin.

Previous Positions:

2008-2011 **Senior Lecturer** in Vertebrate Zoology, University College Dublin, Ireland.

2002-2008 **College Lecturer**, University College Dublin, Ireland.

2000-2002 **Postdoctoral Fellow**, American Museum of Natural History, New York.

Qualifications: PhD Palaeontology, University of Bristol 2000. BSc Hons Geology and Biology (First), University of Bristol 1997.

Research Activities: I am a vertebrate palaeontologist with research interests in the evolution of birds, their dinosaurian relatives, and the development and refinement of flight and aerodynamics. I led a research group at University College Dublin (since 2002, six PhD and seven research MSc students and two full-time PDRAs) and have recently moved to the University of Southampton (late 2011). My expertise lie in the description, analysis and interpretation of early fossil birds (from the Mesozoic and Paleogene) and closely-related theropod dinosaurs as well as in functional biology, biomechanics and experimental aerodynamics. I conducts annual palaeontological field expeditions (in the last three years in Kazakhstan, Russia, western Canada and Morocco). I have published more than 110 peer-reviewed technical papers many in leading journals (*E , , , A , , , E , , , E , , , J , , , E , , B , , , J , , , , , C , , , , ,*). I have numerous peer-reviewed conference abstracts, book reviews, invited contributions and book chapters and have recently co-edited a book of contributed chapters that deal with the evolution of modern birds (*L D , : E , , , M, B*, Wiley Blackwell, May 2011) and a set of conference papers from a co-organised symposium at a 2009 conference (*J , , , ,* January 2011). Since 2004, I have won more than €1,700,000 (\$1,950,000) in funding (Irish Government, European Union, National Science Foundation USA), including significant donations from corporate sponsors for long-term fieldwork projects. I am the Editor-in-chief of *H , , B , ,* (Taylor & Francis) and serve on editorial boards for three other high-profile international journals.

Current and Recent Research Funding:

2012 Southampton PI, EPSRC Bridging the Gap – A , , , , £16,244

2011 Dublin PI - LifePathWorks: *E , , , , , , , , , ,* , €15,000.

2010-2011 Dublin PI - SensComm Ireland Inc.: *E , , , , , , , K* , €60,000

2009-2010 Dublin PI - UCD Seed Funding: *, , , , , C , K K* , *M, , , ,* €9,120

2006-2009 Dublin PI – Science Foundation Ireland (SFI) *K ,*

