

Prof Benjamin G. Davis

*Professor of Chemistry,
Fellow and Tutor in Organic Chemistry, Pembroke College*



Ben Davis got his B.A. (1993) and D.Phil. (1996) from the University of Oxford. During this time he learnt the beauty of carbohydrate chemistry under the supervision of Professor George Fleet. He then spent 2 years as a postdoctoral fellow in the laboratory of Professor Bryan Jones at the University of Toronto, exploring protein chemistry and biocatalysis.

In 1998 he returned to the U.K. to take up a lectureship at the University of Durham. In the autumn of 2001 he moved to the Dyson Perrins Laboratory, University of Oxford and received a fellowship at [Pembroke College](#), Oxford. He was promoted to Full Professor in 2005.

His group's research centres on the chemical understanding and exploitation of biomolecular function (Synthetic Biology, Chemical Biology and Chemical Medicine), with an emphasis on carbohydrates and proteins. In particular, the group's interests encompass synthesis and methodology; target biomolecule synthesis; inhibitor/probe/substrate design; biocatalysis; enzyme & biomolecule mechanism; biosynthetic pathway determination; protein engineering; drug delivery; molecular biology; structural biology; cell biology; glycobiology; molecular imaging and *in vivo* biology.

This work has been recognised by [Prizes and Awards](#) and named [Lecturerships](#).

2012 *Bristol-Myers-Squibb* Lectureship in Organic Chemistry of the University of Illinois at Urbana-Champaign
2013 *Liversidge* Lectureship of the University of Sydney
2013 *Peter Gallagher* Lectureship of the Griffiths Glycomics Institute
2014 *Bender* Lectures of Northwestern University
2015 Sloan-Kettering Institute *Gin* Lectureship
2015 Stanford University *Johnson* Symposium
2017 CSIC Barcelona *Félix Serratosa* Lectureship
2017 *Ferrier* Lectures of Victoria University of Wellington