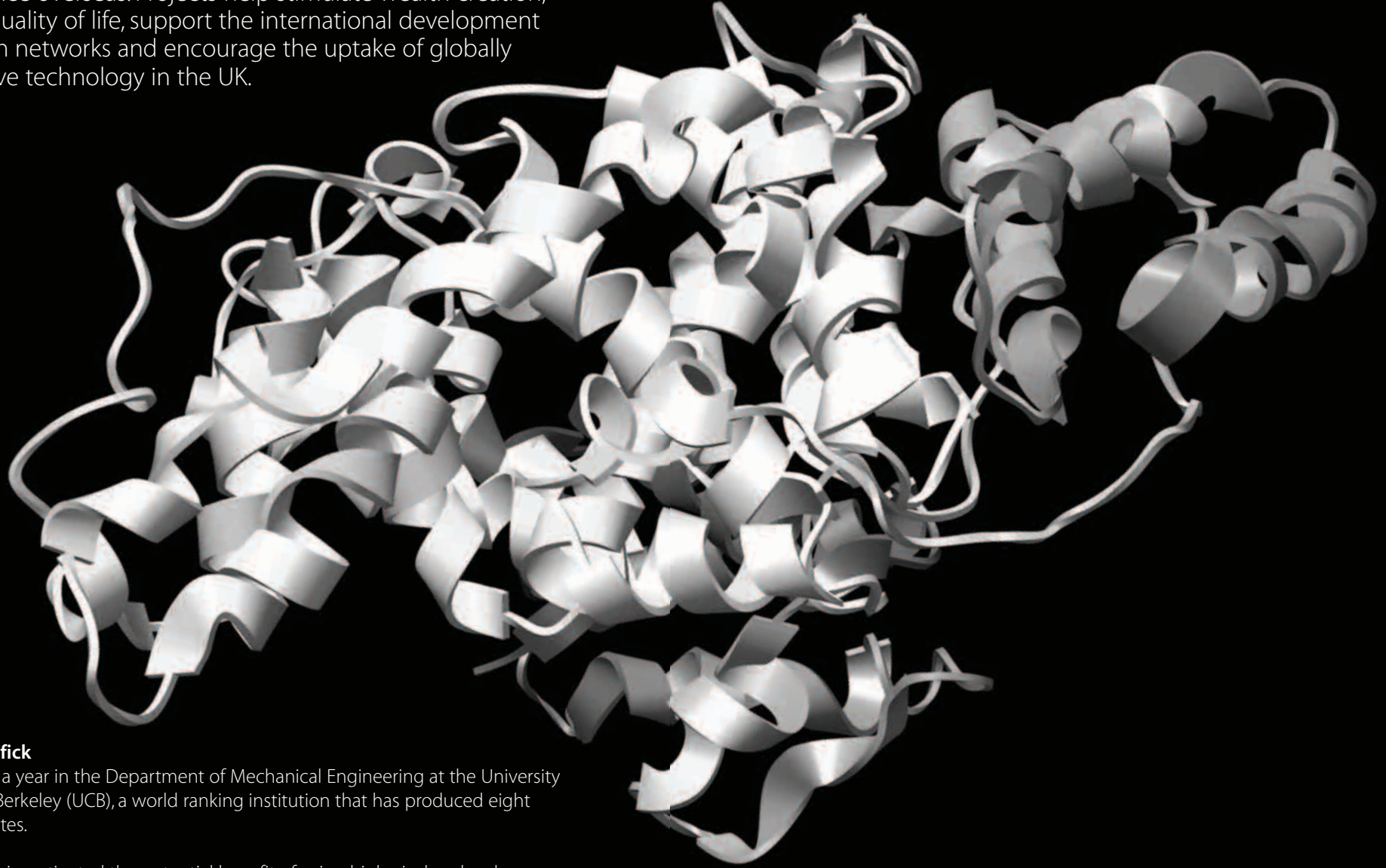


Global Research Awards

Global Research Awards allow engineers currently engaged in research and development to undertake projects in centres of excellence overseas. Projects help stimulate wealth creation, improve quality of life, support the international development of research networks and encourage the uptake of globally competitive technology in the UK.



Dr Alistair Elfick

Alistair spent a year in the Department of Mechanical Engineering at the University of California Berkeley (UCB), a world ranking institution that has produced eight Nobel Laureates.

Alistair's work investigated the potential benefit of using biological molecules to help lubricate implanted medical devices, such as artificial joint replacements. He found the academics and students at UCB an inspiration, and says the experience will influence his career for years to come. Subsequently he was awarded an Advanced Research Fellowship by the Engineering and Physical Sciences Research Council, hosted at the University of Edinburgh.

Alistair Elfick at the heart of engineering

A metal-binding protein © DC Carter and JX Ho 'Atomic structure and chemistry of human serum albumin'. *Nature* v338, 1992. www.rcsb.org/pdb