

University of Cambridge Department of Engineering

The University is committed to equality of opportunity

University Lectureships in Engineering for the Life Sciences

Applications are invited for 2 University Lectureships within the Department of Engineering.

Computational Engineering for the Life Sciences

Research activity could include quantitative modelling approaches in engineering applied to biological systems or intervention techniques. Applications range from, but are not limited to, molecular motors, the folding of proteins, the mechanics of the cell, soft and hard tissue and physiology. It is hoped the successful candidate will take up post no later than 1 September 2006 or as soon as possible thereafter.

Mechanics of Biological Materials

Research activity should include experimental approaches to an understanding of biological materials and/or the development of artificial materials with biological function. Applications range from, but are not limited to, the mechanics of hard and soft tissue from sub-cellular to tissue level, and the development of new materials with application to tissue and prosthetics. It is hoped the successful candidate will take up post no later than 1 January 2007.

For both posts there are substantial opportunities for interaction with established research groups to allow an inter-disciplinary approach to biological problems.

The appointees will contribute to the new teaching initiative of Engineering for the Life Sciences, and develop and teach pertinent courses. Appointment will be for 5 years initially, with reappointment to the retiring age subject to satisfactory performance. The annual pensionable salary is £25,565-£39,452.

Information about the Department can be found at www.eng.cam.ac.uk. Further particulars and an application form may be obtained from the Secretary of the Appointments Committee, Department of Engineering, Trumpington Street, Cambridge CB2 1PZ, UK (tel +44 (0) 1223 332615, fax +44 (0) 1223 766364, email personnel-enquiries@eng.cam.ac.uk) applications should be sent to this address no later than Wednesday 1 March 2006 and include a completed form (PD18), a curriculum vitae, a list of publications, and a one-page statement of research interests and future plans.

Informal enquiries may be directed to Prof. Daniel Wolpert by email (wolpert@eng.cam.ac.uk).