

Oxford Brookes University
Faculty of Technology, Design and Environment
Department of Mechanical Engineering and Mathematical Sciences

Funded full-time 3-year PhD Studentship
Annual Stipend: £14,000
Annual Full-time Home/EU Fees: paid by the Project
Deadline for applying: 17:00 on Monday 8th August 2016
Start Date: October 2016
Eligibility: Home/EU only

The Department of Mechanical Engineering and Mathematical Sciences at Oxford Brookes University is pleased to offer a full-time PhD Studentship, funded jointly by ELG Carbon Fibre Ltd and by the University, starting in September 2016. Applications are invited for a PhD Studentship in '**A technical and environmental appraisal of recycled carbon fibre materials**'. The supervisory team will be led by Professor Allan Hutchinson, with Professor Gareth Neighbour and Dr Pat Winfield. The overall aim of the project is to evaluate and predict the short- and long-term properties of composites made with recycled carbon fibre materials. A further aspect of the project is to undertake whole life cycle assessments of the use of recycled carbon fibre in polymer composite applications. The research team will work closely with ELG Carbon Fibre Ltd, the only commercial carbon fibre recycling organization in the UK. A full project description will be provided in the application pack.

The successful candidate will receive a fixed annual payment of £14,000 for a maximum of three years as a stipend for living expenses, subject to satisfactory progress. The candidate may also seek to undertake additional teaching related duties during semesters which will attract additional remuneration at the standard rates of pay. Fees at the Home/EU rate will be paid by the project and a budget of £1,000 per annum will also be provided towards the costs of the project.

As a successful applicant, you will join a supportive and research-active Department. For more information on the Department of Mechanical Engineering and Mathematical Sciences visit <http://mems.brookes.ac.uk/>.

Eligibility: Applications are invited from Home/EU students only. We are looking to recruit a candidate of the highest quality and who is capable of submitting a PhD thesis within 3 years. Applicants are expected to hold a good undergraduate degree in an area relevant to Materials or Mechanical Engineering, or a related/cognate discipline. The Studentship holder may also be required to complete supplementary research methods training in their first year of study. Applicants should also be able to demonstrate strong research capabilities and be fluent in spoken and written English.

Deadline: The closing date for applications is 17:00 on Monday 8th August 2016

Interview date: Interviews will be held early in the week commencing 22nd August 2016

Start date: October 2016

How to apply: To request an application pack, a project description and for further details of how to apply, please contact the Research Administrator, Amy Groeneveld.

Email: agroeneveld@brookes.ac.uk

Tel: +44 (0)1865 484065

For further information, please consult our website: <http://www.brookes.ac.uk/students/research-degrees-team/prospective-students/research-students/research-funding-opportunities/>