

25th Feb, 2010

Dear Sir/Madam,

Queen Mary is keen to contribute actively to the development of Pakistan's higher education sector and is pleased to announce the creation of two Queen Mary, University of London – Pakistan Capacity Building Scholarships. Each of these scholarships will provide full tuition fees for full time MPhil/PhD study at Queen Mary in one of the following areas:

- Biological and Chemical Sciences
- Computer Science
- Electronic Engineering
- Engineering
- Materials
- Mathematical Sciences
- Physics

Eligibility

1. Applicants must be Pakistani/AJK nationals who are currently studying or working at an institution recognised by the Higher Education Commission, Pakistan.
2. Candidates must have a minimum of sixteen years of education (MSc, MA, MBA, ME, MS, B.E / BSc (Engg), M.B.B.S or equivalent) in a relevant field.
3. Students with MS level qualifications and research experience will be at an advantage
4. Candidates should have graduated within the last 2 years
5. Candidates should have first division marks throughout their academic career
6. Candidates must meet Queen Mary's standard English requirements – IELTS 6.5 or equivalent.
7. Candidates must be able to support themselves financially either through personal finance or through support from their institution. UKBA guidelines state that living expenses in central London are £9,600 per year.

Research Areas

Research in **Electronic Engineering** focuses on three aspects of modern telecommunications: the physical layer, the network and transport layers, and the application layer.

The research in the department is organized into four research groups, each with its own focus.

- [Antenna and Electromagnetics Research Group](#)
- [Networks Research Group](#)
- [Centre for Digital Music](#)
- [Multimedia & Vision Research Group](#)

For further details please go to <http://www.elec.qmul.ac.uk/research/index.html>

Research in the **Computer Science** department focuses on the following areas

- [Computer Vision](#)
- [Information Retrieval](#)
- [Interaction, Media and Communication](#)
- [Logic and Semantics](#)
- [Risk Assessment and Decision Analysis](#)

For further details please go to <http://www.dcs.qmul.ac.uk/research/index.php>

Research in **Engineering** focuses on:

- [Energy Systems](#)
- [Computational Methods](#)
- [Medical Engineering](#)
- [Experimental Fluids](#)

In **Materials** research covers a very broad range. Please go to

<http://www.materials.qmul.ac.uk/research/index.php> for more information

Research at the **School of Biological and Chemical Sciences** is divided into a number of research groups, each of which focuses on a different area.

- [Biological and experimental psychology group](#)
- [Ecology and behavioural biology](#)
- [Evolutionary and organismal biology](#)
- [Materials chemistry and interfaces](#)
- [Mechanistic and structural biology](#)

- [Synthetic chemistry](#)

Research in **Mathematics** focuses in the following areas:

The Pure Mathematics group, embraces research and postgraduate teaching in Algebra, Combinatorics, Analysis, Geometry, Topology, Logic, and Probability.

Statistics group conducts research in design of experiments, sequential analysis, sampling theory, and Bayesian methodology.

Applied Research group concerns with topics in Nonlinear Dynamics, Statistical Mechanics, and Probability, control of chaos, modelling of Internet traffic, or turbulence.

The Astronomy Unit works in ground-based observations, space experiments, and theoretical work in a variety of research areas like Cosmology, Formation of Dynamics of Planetary systems, Solar and Stellar Physics, Astrophysical and Solar Plasmas and Survey Astronomy.

<http://www.maths.qmul.ac.uk/research>

Research in **Physics** is focused in the following areas

- Particle Physics
- Theoretical Physics
- Condensed Matter Physics
- Astronomy and Astrophysics

<http://www.ph.qmul.ac.uk/~phywww2/research.php>

Application Procedure

1. Applications should be made on the [Queen Mary Capacity Building Scholarships Application Form](#) and returned to

The Graduate Admissions Office
Queen Mary, University of London
London E1 4NS
Tel. no. 020 7882 5533
Fax no. 020 7882 5588
email: admissions@qmul.ac.uk

2. Candidates should read carefully the [Guide to Applying for a Research Degree](#) and follow the advice contained within it.

3. Applications must reach the Graduate Admissions Office by April 15th 2010

Applications will be considered by the Graduate School and successful candidates informed by the end of 15th May 2010

Queen Mary, University of London is one of the UK's leading research-focused higher education institutions, delivering world class degree programmes and research across a wide range of subjects. In the most recent UK Research Assessment Exercise, Queen Mary was placed 11th out of the 132 institutions that took part. (www.qmul.ac.uk)

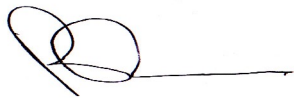
For local help and support please do not hesitate to contact our member of staff who is based in Lahore

Mr Nabeel Vehra
Business Development Manager
Department of Corporate Affairs
Queen Mary, University of London

Tel: + 92 (0)42 5787470
Fax: + 92 (0)42 5787496
Mob: 0301 4710175
E-mail: n.vehra@qmul.ac.uk
Website: www.qmul.ac.uk

Alternatively, please contact me, Pat Power, Head of International Office

Yours sincerely,



Pat Power
Head of International Office
Department of Corporate Affairs
Queen Mary, University of London
Mile End Road, London E1 4NS
UK

Tel: + (0)20 7882 3066
Fax: + (0)20 7882 5556
E-mail: p.power@qmul.ac.uk
Website: www.qmul.ac.uk

