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## Grant winners

### Research Councils UK

RCUK has announced £12 million of funding for its science bridges scheme, which encourages collaborations between UK universities and institutions in China, India and the US. It promotes research with strong international alliances and close links with business.

- *Principal investigator:* G. W. Irwin
- *Institutions:* Queen's University Belfast, Tsinghua University and Zhejiang University
- *Value:* £875,108
- UK-China science bridge in sustainable energy and the built environment
- *Principal investigator:* C. X. Wang
- *Institutions:* Heriot-Watt University, University of Edinburgh, University of Bristol, University of Southampton, University of Bedfordshire, University College London and a Chinese consortium
- *Value:* £939,623
- UK-China science bridge: research and development on 4G wireless mobile communications

- *Principal investigator:* W. J. Davies
- *Institutions:* Lancaster University and several labs in China
- *Value:* £1,330,641
- Water availability and quality: natural environments, domestic use and food production

- *Principal investigator:* P. D. Coates
- *Institutions:* University of Bradford and various Chinese institutions
- *Value:* £1,266,655
- Science bridge: Bradford-China programme for pharmaceutical sciences and medical technology

- *Principal investigator:* P. A. Davies
- *Institutions:* Aston University and Indian Institute of Technology, Delhi
- *Value:* £1,465,899
- Bioenergy: technology and business solutions for the UK

- *Principal investigator:* P. E. Urwin
- *Institutions:* University of Leeds and Indian Institute of Science, Bangalore, and Indian Agricultural Research Institute
- *Value:* £898,919
- Sustainable Indo-UK agricultural initiative

## IN DETAIL

### Economic and Social Research Council



**Programme leader**  
**Eleanor van den Heuvel**  
**Institution**  
**Brunel Institute for Ageing**

**Studies (BIAS)**  
**Value £1.6 million**  
**Tackling social taboos associated with ageing**

This three-year project will examine ageing and incontinence, focusing on treatments, assistive technologies and environmental barriers. It is substantially backed by the "dynamics of ageing" programme, a cross-council funding scheme. BIAS is leading the project, with research also carried out by teams at the Royal College of Art, the University of Manchester, the University of Sheffield, Sheffield Hallam University, Bristol Urological Institute, Southmead Hospital and the University of the West of England.

- *Principal investigator:* K. Shakesheff
- *Institutions:* University of Nottingham, Indian Institute of Technology, Kanpur, and Indian

Institute of Management, Bangalore

- *Value:* £758,480

Biopharm 2020: entrepreneurial opportunities for Indian/UK scientists in the pharmaceutical and biotechnology industries

- *Principal investigator:* C. J. Humphreys
- *Institutions:* University of Cambridge and University of California, Santa Barbara
- *Value:* £1,480,152
- Harnessing materials for energy

- *Principal investigator:* A. I. Ferguson
- *Institutions:* University of Strathclyde, University of St Andrews, Heriot-Watt University, University of Glasgow, Stanford University and the California Institute of Technology
- *Value:* £1,605,922
- Stanford-Scotland photonics innovation collaboration

- *Principal investigator:* S. J. Gaskell
- *Institutions:* University of Manchester and the Centre for Integration of Medicine and Innovative Technology, Boston
- *Value:* £1,324,412
- Innovative technology for healthcare delivery