



RESEARCH: SHOW ME THE MONEY

RUQAIYAH PATEL AND ALEX BROOMSGROVE - PORTFOLIO MANAGERS FOR ENGINEERING AT THE EPSRC - REVIEW THE FUNDING BODY'S AIMS AND THE WEALTH OF SUPPORT IT OFFERS CHEMICAL ENGINEERS

THE Engineering and Physical Science Research Council (EPSRC) is the main UK government agency for funding research and training in engineering and the physical sciences, investing more than £800m (US\$1.3bn) a year in a broad range of subjects - from mathematics to materials science, and from information technology to chemical engineering.

EPSRC's vision is for the UK to be the best place in the world to research, discover and innovate. This vision is supported by two goals which emanate from our Royal Charter: research and discover; and research and innovate. In order to achieve these goals we use three strategies: balancing capability; building leadership; and accelerating impact.

EPSRC is structured around four capability and seven challenge themes. The capability themes support national research capability in underlying areas such as engineering. The challenge themes support research in challenge-led areas such as energy. Support for chemical engineering research comes from a wide range of these themes but, as would be expected, the majority of this support comes from the engineering theme.

The vision for engineering capability is to identify and tackle fundamental engineering research challenges with the potential for lasting benefit to the UK. To achieve this we will work in partnership with leading researchers, focussing on three specific objectives:

- safeguarding the long-term

sustainability of fundamental engineering research;

- inspiring current and future leaders of engineering research; and
- shaping the underpinning research portfolio and better integrating it with societal challenges.

CASH FOR CHEMENGERS

EPSRC supports chemical engineers at a variety of career stages:

- For undergraduate/master's level students, if you are interested in doctoral funding or continuing on to complete a PhD, you may want to think about undertaking a PhD at one of the 115 EPSRC-funded centres for doctoral training (CDTs) around the UK. Doctoral training can also be

funded through doctoral training partnerships (DTPs). This is a grant given to universities calculated by means of an algorithm based upon the EPSRC research grant income held by the university. Lastly, EPSRC funds doctoral training through Industrial CASE awards (ICASE).

- For PhD students/postdoctoral researchers, there are postdoctoral fellowship opportunities available in a select number of priority areas such as engineering for sustainability and resilience
- For early career lecturers, there are early career fellowships as well as our First Grant scheme.
- For more established career academics, there are established career fellowships and large investment opportunities such as platform and programme grants.

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- For academic staff of above lecturer status or equivalent, there is our open standard mode call, overseas travel grants, and network grants.

FOR MORE DETAILED INFORMATION ON HOW TO APPLY AND WHO IS ELIGIBLE, VISIT THE EPSRC WEBSITE AT WWW.EPSRC.AC.UK

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