



Engineering and Physical Sciences
Research Council

INDUSTRIAL CASE AWARDS

CALL FOR APPLICATIONS

The NanoKTN is pleased to announce that the EPSRC has awarded it two Industrial CASE PhD Studentships for 2010. It now invites applications for these studentships in research areas that align with our strategic priorities.

What are Industrial CASE Awards:

Industrial CASE (Collaborative Awards in Science & Engineering) are a unique way of linking academic research with industrial need. They are allocated by UK Research Councils to part fund, in association with an industrial sponsor, a three and a half year PhD studentship.

How to Apply:

To apply for a 2010 Industrial CASE Award, please send a brief description of your proposal to Natasha.taylor@nanoktn.com to arrive no later than 17:00 on Wednesday 10th March 2010.

Applications should be no more than a **single** side of typed A4 (approx. 500 words) covering the following:

- General description of the proposed scope of work
- The **one** NanoKTN technical priority area to which the work best aligns
- Objectives of the research
- Scientific challenge and brief outline of the innovative aspects of the work
- Estimate of the potential commercial benefits of the research
- Industrial Partner and name of Supervisor (please state whether the industrial partner is an SME or large business)
- Academic Partner and name of Supervisor
- Name of Student (if possible)

Project proposals should align with the NanoKTN technical priority areas listed below:

- Healthcare & Life Sciences
- ICT-Hardware
- Engineering Applications
- Chemical Products
- Metrology, Instrumentation and Standards

Assessment Criteria Guidelines:

Section 1: EPSRC Refereeing Criteria

General guidelines are given in the following link:

<http://www.epsrc.ac.uk/ResearchFunding/ReviewingProposals/default.htm>

Section 2: NanoKTN Criteria:

a.) Timescales and Degree of Technical Difficulty

- Balance of achievable vs. challenging technical targets
- Balance of focused (often smaller scale) benefits vs. strategic (broader based, more fundamental) benefits
- Balance of short term vs. long term timescales for industrial implementation

b.) Breadth of Potential Benefits

- Range of industrial sectors potentially benefiting from the research

c.) Interdisciplinary or Collaborative Strength

- Strength of academic involvement
- Spread of scientific disciplines involved

d.) Impact of the Research

- Are the scientific and technical challenges of the project stretching and innovative
- Will success generate step changes in capability, new understanding or ability to apply the knowledge
- Likely impact on the global competitiveness of UK

Please send applications by e-mail to Natasha.taylor@nanoktn.com or by post to Natasha Taylor, Marketing Manager – Events, NanoKTN, PETEC, Thomas Wright Way, NETPark, Sedgefield, TS21 3FG.

If you would like to discuss your project before applying, please contact Dr James Johnstone, NanoKTN Theme Manager – Metrology, on 07795 637058.