

RESEARCH SCIENTISTS - SEMICONDUCTOR NANOCRYSTALS

Sharp Laboratories of Europe, Oxford, UK

www.sle.sharp.co.uk

Sharp is a leading manufacturer of technologies and products for lighting, image displays, electronics and energy generation. Continual innovation in these technologies is an essential aspect of Sharp's business. Semiconductor quantum dots, or nanocrystals, is an area we aim to develop as a platform for a wide variety of next generation products. Sharp Laboratories of Europe is expanding its semiconductor nanocrystals development programme and are looking to recruit a talented chemist or physicist to work with our skilled multidisciplinary team to accelerate the performance of these materials and their adoption in new applications.

The post holder will be responsible for developing non-toxic nanocrystals for lighting and solar energy products. Working in a team environment, the role requires innovation and development of key synthesis technologies for highly emissive non-toxic semiconductor nanocrystals.

Successful candidates will have experience in the following areas:

- Chemical synthesis of semiconductor nanocrystals
- Optoelectronic devices
- Chemical production methods

Applicants should have strong academic qualifications with at minimum a graduate qualification (2:1 or 1st) in Physics or Chemistry. In the case of more experienced candidates, a track record of quality and innovation in research, as evidenced by significant publications, patents or other achievements, is required. In addition, candidates should be strongly motivated, possess good communication skills and show evidence of an ability to work effectively as part of a team.

In return, we offer an excellent relocation and employment package including competitive salary, pension, life assurance and local amenity benefits, with excellent training and career development prospects.

HOW TO APPLY:

Applicants should send a covering letter and CV to the HR department at jobs@sharp.co.uk quoting ref: SLE-AOD/SB02 in the subject line.