

Postdoctoral Researcher in Optical Manipulation and Microfluidics

Fixed term 9 month appointment

Grade 7 - point 29 maximum (£29,249)

The Applied Optical Manipulation Group at the University of Dundee has a postdoctoral position in the area of optical manipulation and microfluidics available as part of an EPSRC funded project looking at cellular sensing. The position is for nine months and the candidate will be charged with developing optical tweezers techniques for probing cell mechanics and microfluidic systems for examining cell chemotaxis. The experimental systems will include holographic optical tweezers systems and novel conical refraction based tweezers.

**Summary of Skills, Experience and Qualifications**

We are seeking a candidate with a PhD in the physical or biophysical sciences who has a track record with optical manipulation techniques and who, ideally, has some experience of microfluidic chip development as well as cell handling.

Please contact Dr David McGloin ([d.mcglain@dundee.ac.uk](mailto:d.mcglain@dundee.ac.uk)) for informal inquiries about the position.

The closing date is 6th July. Info on how to apply can be found here:

[http://www.jobs.dundee.ac.uk/fe/tpl\\_uod01.asp?s=GXgIfLQnAyPBgDdPyv&jobid=75688,9823564852&key=53912638&c=839525591465&pagestamp=sertollmmlkcoarmxk](http://www.jobs.dundee.ac.uk/fe/tpl_uod01.asp?s=GXgIfLQnAyPBgDdPyv&jobid=75688,9823564852&key=53912638&c=839525591465&pagestamp=sertollmmlkcoarmxk)