



JOB DESCRIPTION

Job Title:	Postdoctoral Research Assistant in Topological Spintronics
Department / Unit:	Electronic Engineering
Job type	Fixed-term contract
Grade:	RHUL 7
Reporting to:	Dr Wenqing Liu
Job purpose:	
<p>This full-time position is part of the newly funded UK EPSRC research grant, 'Topological Spintronics', led by Dr Wenqing Liu, Royal Holloway University of London. It is for 24 months in the first instance and will involve work on several lines of research within the Nano-electronics and Materials group. The successful candidate will be part of a dynamic team and will be expected to contribute to the training of the PhDs and the broad intellectual life of the group. Eligible Applicants should hold a PhD in a Physics / Material Science / Electronic Engineering. Preference will be given to those who have a track-record in publishing high-quality research. Relevant laboratory research experience in nanofabrication and characterization would be advantageous.</p>	

Key responsibilities and outcomes: (most frequent duties first)	% of time (if known)
To work as part of the Nano-Electronics and Materials research group and perform publishable research.	
To lead the nano-fabrication and characterization activities and give training to PhD students.	
To pilot, refine and optimise the relevant theoretical and experimental approaches, and keep the PI up-to-date with the project's progress.	
To maintain a high-standard laboratory environment for the research group.	
To engage with the relevant technical communities for joint projects and result dissemination.	
Other Duties:	
n/a	

Internal and external relationships
The position is based at the Nano-Electronics and Materials Group, Department of Electronic Engineering, Royal Holloway University of London.