

A Computational Chemistry PhD internship has become available at IBM Research UK. The position is within the STFC Hartree Centre, in Daresbury, whose aim is to transform the competitiveness of UK industry by accelerating the adoption of High Performance Computing, Big Data and Cognitive technologies.

The intern will focus on using particle based simulation to examine changes in formulation viscosity, and micellar size and shape distributions, near surfaces. They will also examine finite-size effects and potentially adsorption/deposition behaviour.

The ideal candidate would be a PhD student with some expertise in High Performance Computing (HPC), molecular simulations, soft matter physics/chemistry and statistics. Strong coding and communication skills are also highly desired. The three-month internship will begin in late spring/summer 2018.

The intern will gain valuable industrial research experience in applying HPC computational chemistry methods to tackle important commercial formulation projects. While the position is paid, any work completed cannot be used as part of a doctoral thesis dissertation.

Prospective candidates can apply by submitted a C.V. and cover letter to my email address (breannndan.conchuir@ibm.com). The deadline for applications is the 17th of December.

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