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<b>Job Title</b>	<b>Research Assistant (Polymer Nanocomposites – Formulation and Characterisation)</b>
<b>Unit/Organisation</b>	Department of Mechanical Engineering, NUS
<b>Application Deadline</b>	30 June 2009
<b>Job Description</b>	<ul style="list-style-type: none"><li>• Participate and assist in the formulation, fabrication and characterization of polymer nanocomposites (PNs).</li><li>• Examination and analysis of the nano structure and properties of PNs of different compositions.</li><li>• Assistance in writing of research papers and reports.</li></ul>
<b>Requirements</b>	<ul style="list-style-type: none"><li>• At least a Master’s degree in Chemistry, Materials science or Chemical engineering, with experience in materials characterization – e.g. DSC, NMR, DMA, XRD and FTIR.</li><li>• Knowledge/experience in formulating/fabricating polymer nanocomposites would be an advantage.</li><li>• Good written and verbal communication skills in English. Experience in writing of journal papers for reputable international journals would be an advantage.</li><li>• Personal qualities – high degree of initiative, ability to work independently, positive attitude, interpersonal skills and commitment to deliver results.</li></ul> <p>The appointment is available from 1 July 2009 and is for a period of three years. The salary will be commensurate with qualifications and experience. Leave and medical benefits are provided.</p>
<b>Contact Person</b>	Please send your CV to: Prof. Victor Shim (vshim.me@nus.edu.sg)