

**JOB DESCRIPTION**  
**Research Associate / Senior Associate**  
**Vacancy Ref: A2079**

<b>Job Title:</b>	Research Associate (G6) / Senior Research Associate (G7)	<b>Present Grade:</b> 6 or 7 (depending upon experience)
<b>Department/College:</b>	Management Science	
<b>Directly responsible to:</b>	Dr Catherine Cleophas	
<b>Supervisory responsibility for:</b>	None	
<b>Other contacts</b>		
<b>Internal:</b> Colleagues and academic staff within the Department of Management Science and the Management School; students; colleagues in other faculties; providers of student support; central administration; ISS; Library.		
<b>External:</b> Staff in collaborating industrial firms; academic staff, researchers & students at other universities; adjunct contributors; business organisations; local and national government organisations; research councils; regional, national and international academic networks.		
<b>Major Duties:</b>		
To contribute to the competitively funded project “From Toys to Tools – Calibrating Agent-Based Simulations for Business Decision Support” and to conduct research on decision support and the intersection of data analytics and simulation modelling. In particular, the objectives are to:		
<div><div>1.</div><div>Develop a personal research programme relevant to the research agenda of the research group simulation and the Department, working in close cooperation with Dr Catherine Cleophas.</div></div> <div><div>2.</div><div>Assist in academic research work as directed by the supervisor</div></div> <div><div>3.</div><div>Assist and support in applied research projects with external companies related to decision support and simulation modelling</div></div> <div><div>4.</div><div>Support the organisation of conference sessions, competitions, meetings etc in the area of calibrating and validating simulations for business decision support</div></div> <div><div>5.</div><div>Drive the continued development of a virtual laboratory for evaluating approaches to calibration and validation on sandbox models and simulations from external projects</div></div> <div><div>6.</div><div>Develop and maintain content for the project website and to disseminate marketing information for the website, in press releases and other external communication forums, as directed by the supervisor.</div></div> <div><div>7.</div><div>Undertake any other duties (including administrative duties) as may be directed by the supervisor, provided these are appropriate to the grade of the post.</div></div>		