



<b>Job title</b>	Research Fellow	<b>Job family and level</b>	Research and Teaching Level 4
<b>School/ Department</b>	Psychology	<b>Location</b>	University Park Campus

## Purpose of role

Under the guidance of the project team, to develop psychophysical laboratory experiments to test theories of space perception.

	<b>Main responsibilities</b> (Primary accountabilities and responsibilities expected to fulfil the role)	<b>% time per year</b>
1	<b>Research</b> Develop software tools (Psychtoolbox, PsychPy) for running psychophysical experiments on space perception. Collect and analyse the data from experiments including eye-tracking data. Contribute to the design of experiments and the writing of research papers.	70%
2	<b>Laboratory Administration</b> Set up and calibrate laboratory equipment. Recruit subjects. Maintain a depository of experimental data and experimental software. Maintain a project website.	10%
3	<b>Computing and Programming Support</b> To provide computing and programming assistance to other members of the lab where required.	10%
4	<b>Administrative Duties</b> Other administrative duties as required.	10%

## Person specification

	<b>Essential</b>	<b>Desirable</b>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ Excellent communication skills</li> <li>▪ Competence in written and spoken English</li> <li>▪ Excellent time management and project leadership skills</li> <li>▪ Excellent computer programming skills</li> </ul>	<ul style="list-style-type: none"> <li>▪ MATLAB</li> <li>▪ Psychtoolbox</li> <li>▪ PsychoPy</li> <li>▪ Eye-tracking (Eyelink)</li> </ul>
<b>Knowledge and experience</b>	<ul style="list-style-type: none"> <li>▪ Proven ability to design psychophysical experiments</li> <li>▪ Excellent understanding of visual psychophysics methods</li> <li>▪ Experience of collecting and analysing data from experiments in human experimental psychology including psychophysics</li> </ul>	<ul style="list-style-type: none"> <li>▪ Knowledge of the fields of visual psychophysics and spatial vision</li> <li>▪ Relevant publications in international journals</li> <li>▪ Proven ability to develop software tools to a high standard</li> <li>▪ Experience of designing, setting up, calibrating laboratory equipment and conducting experiments in visual perception</li> <li>▪ Experience of collecting and analysing eye-tracking data</li> <li>▪ Experience in programming experiments in Psychtoolbox or PsychPy</li> </ul>
<b>Qualifications, certification and training (relevant to role)</b>	<ul style="list-style-type: none"> <li>▪ A completed PhD in Visual Perception or a related discipline</li> <li>▪ First or high 2.1 degree in a relevant discipline</li> </ul>	<ul style="list-style-type: none"> <li>▪ Formal training in Experimental Psychology or Cognitive Science</li> </ul>



The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.

## Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

- Valuing people** Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.
- Taking ownership** Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.
- Forward thinking** Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.
- Professional pride** Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.
- Always inclusive** Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

## Key relationships with others

