# Purpose of role

The School of Psychology at the University of Nottingham is seeking to appoint Research Fellow, to Dr Mark Haselgrove. This position is funded by a new ESRC grant titled “Known Unknowns and Unknown Unknowns: Coping with Different States of Uncertainty in a Changing World”. This project aims to examine the way in which the cognitive system copes with different uncertain situations. The starting point for this work is to conceptualise different uncertain situations as either "expected" or "unexpected". Sometimes we can provide a good estimate of the uncertainty we might face (expected uncertainty), but in other cases, the uncertainty occurs out of the blue (unexpected uncertainty).

## Main responsibilities

(Primary accountabilities and responsibilities expected to fulfil the role)

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<th>% time per year</th>
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| 1 | To be responsible for the day-to-day management of the experimental component of the project. This will include:  
  - Online and in-person participant recruitment.  
  - Supervise and undertake data collection, working to established school protocols, including safeguarding policies.  
  - Maintenance of confidential participant data in accordance with university and funder guidelines.  
  - Take responsibility for data analysis and visualisation.  
  - Deal with ethical and administrative issues relating to the Project. | 40 |
| 2 | To be responsible for the development of computational models of the research outputs of this project. | 40 |
| 3 | Collaborate with partners on the project and make a significant contribution to the dissemination of the experimental and computational modelling outputs of the research, including:  
  - Contribution to research publications.  
  - Contribution to conference presentations. | 15 |
<p>| 4 | To identify and engage in personal development opportunities to support your career development and develop applications for future research grant funding. | 5 |</p>
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<td><strong>Skills</strong></td>
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| ▪ Excellent communication and interpersonal skills  
  ▪ Excellent organisational and administrative skills, including the writing of lab reports, manuscripts for publication and the preparation of presentation materials.  
  ▪ Demonstrable skills in writing computer programs, either for producing experimental procedures, data analysis, or computational modelling (ideally in one or more of the following languages: R, Python, MatLab, jsPsych) |
| **Knowledge and experience** |
| ▪ A demonstrable interest in the research areas of learning and/or attentional processing  
  ▪ Experience of participant recruitment, ethical considerations regarding research, and data management.  
  ▪ Demonstrate a good understanding of data protection regulations, in relation to research activity. |
| ▪ Experience of using eye-tracking software and/or working with eye data.  
  ▪ An understanding of open-science research principles and practices, including familiarity with online repositories and version control (e.g., git; OSF). |
| **Qualifications, certification and training (relevant to role)** |
| ▪ A PhD (or close to completion) in a relevant area of experimental psychology |
| **Statutory, legal or special requirements** |
| ▪ A desire to contribute to the wider research culture of the Department.  
  ▪ A desire to contribute to the development of future applications for research funding. |
| ▪ Have a desire to develop their own skills and experience |
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

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Line manager
   Principal Investigator (assistant professor)

Role holder
   Research Associate/Fellow

Key stakeholder relationships
   Student participants
   Adult participants
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