JOB DESCRIPTION

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Post-Doctoral Researcher</th>
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<tr>
<td>Department / Unit:</td>
<td>Department of Psychology</td>
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<td>Grade:</td>
<td>RHUL 7</td>
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<td>Accountable to:</td>
<td>Lecturer in Psychology</td>
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Purpose of the Post
To work on a project funded by the Medical Research Council entitled ‘Recognition of non-emotional bodily states in the self and others: A novel investigation in autism and eating disorders’ at Royal Holloway, University of London.

Key Tasks
The main responsibilities of the post are:

To contribute to the design of experiments, in consultation with the Principal Investigator
A series of experiments will be designed to investigate the ability of those with a diagnosis of Autism Spectrum Disorder (ASD) or an eating disorder to recognise their own interoceptive states, and the non-emotional internal states of others, using a wide range of behavioural and psychophysical methods. Interoceptive tests will span a range of domains (e.g. cardiac, respiratory, gastric).

To be responsible for setting up and running experiments, ensuring that they are appropriately supervised and supported.
- Ethical approval will need to be sought from the Departmental Ethics Committee prior to the commencement of experiments.
- Experiments will need to be programmed in specific software (e.g. Matlab, Python).
- Experiments will need to be implemented in new experimental set-ups that will require advance planning and development.
- Small-scale pilot experiments will need to be run that can establish the viability of the planned experiments.
- Participants will need to be recruited from typical and clinical (ASD and eating disorders) populations.
To maintain a permanent record of experimental details, to analyse and archive data generated from experiments.

- Behavioural data will need to be analysed to generate results.
- The results will need to be interpreted in the context of the relevant literature.

To prepare and present findings of research activity to colleagues and at scientific meetings.
Results will be disseminated in scientific meetings (conference abstracts will need to be written and submitted). The post-holder will have an opportunity to present findings at scientific meetings.

To contribute to writing, submission and revision of manuscripts to be published in appropriate peer-reviewed journals, collaborating with others as necessary.
Results and interpretation will be documented in papers that will be prepared for submission to scientific journals for peer-review and publication.

To contribute to the overall activities of the research team and the department as appropriate.
The post-holder will be required to contribute to scientific discussion in regular laboratory meetings, advise doctoral students about planning and preparation of their own experiments, and offer advice and opinion on the analysis and interpretation of results.

To contribute to the induction and direction of other research staff and students if so requested by the Principal Investigator.
New staff and students who may join the laboratory in the future will need to be introduced to practicalities of using specific equipment and software for experiments.

Other Duties

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the College. The post holder will be expected to undertake other duties as appropriate and as requested by his/her manager.

The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.