JOB DESCRIPTION

Job Title: Post-Doctoral Research Associate

Department / Unit: Psychology

Job type: Research

Grade: 7

Accountable to: Principal Investigator

Accountable for: N.A

The main responsibilities of the post are:

- To lead the conceptualisation and design of experiments, in consultation with the principal investigator (Professor Rastle) and Co-Investigator (Dr Jakke Tamminen).

- To lead the design, setting up and running of experiments. This may include selecting stimuli, writing stimulus presentation programs, recruiting and scheduling participants, and conducting testing sessions during the day and overnight.

- To manage casual research staff hired to help with the running of experiments.

- To analyze reaction time and error data, using a variety of statistical techniques including conventional ANOVA, multi-level modelling, and signal detection theory.

- To record and analyze polysomnography data, using commercially available software (RemLogic) and custom-developed MATLAB algorithms.

- To learn new statistical techniques and research methods as the project demands.

- To maintain a permanent record of experimental details, and to archive data generated from the experiments.

- To contribute to the dissemination of findings through conference presentations and journal articles, collaborating with others as necessary.

- To contribute to reporting, as required by the granting agency.
• To organize workshops with academics and practitioners as part of the dissemination of project findings. To engage in the public communication of science (e.g., Science Open Days) as requested.

• To contribute to the overall activities of the research team and the department as appropriate.

• To carry out any other duties as are within the scope, spirit and purpose of the job as requested by the Principal Investigator or Co-Investigator.

• Any other duties as required by the line manager or Head of Department that are commensurate with the grade.

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.