



JOB DESCRIPTION

Job Title:	Post-Doctoral Research Fellow
Department / Unit:	Psychology
Job type	Professional Services
Grade:	7
Accountable to:	Dr Jennifer Murphy
Accountable for:	
Purpose of the Post	
<p>To undertake research for the MRC funded project "Sex differences in interoception and mental health: an investigation across the menstrual cycle " in collaboration with the research team. Responsibilities include design and running of experimental remote and lab-based studies, data analysis, drafting of research papers, and results dissemination.</p>	
Key Tasks	
<ul style="list-style-type: none"> • Design of experimental remote and lab-based studies. • Set up the experiments using software such Matlab, Python or equivalent. • Supervise subcontractors (e.g., developers, programmers) • Pre-registration of experimental studies. • Contribute to the induction and direction of other research assistants if so requested by the PI or CI. • Recruit participants and/or supervise participant recruitment. • Conduct and supervise PPI group and advisory group activities. • Conduct experimental sessions and/or supervise conduct of sessions. • Process and analyse experimental results in line with Open Science practices, including data from different formats (e.g., JSON, AcqKnowledge files). • Maintain a record of all issues, decisions, and analyses. • Draft papers describing the project's results. • Disseminate the project's results including submitting to and presenting at conferences. • Organise workshop activities. • Contribute to the overall activities of the research team as appropriate. • Carry out any other duties as are within the scope, spirit and purpose of the job as requested by the Principal Investigator and Co-Investigator. 	

Other Duties
<p>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.</p> <p>The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.</p>
Internal and external relationships
<p>The following list is not exhaustive, but the post holder will be required to liaise with: Dr Jennifer Murphy, Dr Jennifer Hall (UCL), Dr David Plans and Dr Matteo Lisi</p>

PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

Job Title: Post-Doctoral Research Fellow

Department: Psychology

	Essential	Desirable	Tested by Application Form/Interview/Test
Knowledge, Education, Qualifications and Training			
PhD in Psychology or a related field or close to completion	X		Application form
Post-doctoral research experience		x	Application form
Skills and Abilities			
Computational skills including processing data from JSON and AcqKnowledge files		X	Application form and interview
Skills in processing data using scripts (R / Python)	X		Application form and interview
Statistical skills appropriate for analysis of psychological data (preferably psychophysiology and/or longitudinal data using R)	X		Application form and interview
Skills appropriate for collection of physiological data (preferably Biopac system)	X		Application form and interview
Experience			
Experience of designing and running web-based and laboratory experiments (preferably psychophysiology experiments)	X		Application form and interview
Experience of app-based (smartphone, iPad) remote data collection		X	Application form and interview
Experience of physiological data collection (e.g., ECG, SCR) and processing		X	Application form and interview
Experience of running longitudinal studies and participant retention		X	Application form and interview
Other requirements			

Interest in interoception/sex differences/or menstrual cycle		X	Application form and interview
Commitment to open science practices		X	Application form and interview
Interest in public engagement		X	Application form and interview