

Researcher Job Details

Research Assistant/Associate (in Insect Visual Behaviour)

Institute of Neuroscience

Faculty of Medical Sciences

Research Role Profile

.....

As part of our commitment to career development for research staff, the University has developed 3 levels of [research role profiles](#). These profiles set out firstly the generic competences and responsibilities expected of role holders at each level and secondly the general qualifications and experiences needed for entry at a particular level.

Specific Responsibilities of Position

.....

1. Designing and implementing set-ups and stimuli investigating insect attention.
2. Designing and implementing experiments investigating the effects of pesticides on bee attention and cognition.
3. Liaising with lab members and collaborators through research meetings and discussions with occasional travel to labs of collaborators.
4. Evaluating data through analysis of behaviour and videos as well as statistical models.
5. Writing up the work for publication, including preparing figures.
6. Presenting the research at internal and external meetings.
7. Contribute to outreach efforts through interactions with external collaborators on the project.
8. Supervising junior lab members and students as necessary.
9. Taking advantage of the resource available in the project to acquiring new skills required to advance the project

Researcher Job Details

Person Specification

.....

		Essential or Desirable
	Qualifications	
1	Bachelor's degree (or equivalent) in an area of science	E
2	PhD (or near completion) in an area of science	E
	Knowledge, Skills and Experience	
1	Experience researching animal behaviour	E
2	Excellent all-round technical skills	E
3	Knowledge of insect vision and optics	D
4	Knowledge of bees and/or praying mantises	D
5	Knowledge of pesticides and their effect on pollinators	D
6	Knowledge of visual neuroscience, especially attention	D
7	Knowledge of optics, electronics and computers	D
8	Computer programming, especially in Matlab and/or Python	D
9	Experience preparing chemical solutions	D
10	Statistical analysis, especially using R	D
11	Video data analysis	D
	Attributes/Behaviours	
1	Good written and oral communication skills	E
2	Ability to work as part of a team	E
3	Capacity to work independently and take the initiative on projects	E

HR Office Use Only	
SAP Position Number:	
Grade:	Choose an item.
Effective Date:	Click here to enter a date.