JOB DESCRIPTION
Vacancy Ref: A1807

Job Title:	AffecTech Early Stage Researcher #1	**Grade:** Off-scale
Department/College:	School of Computing and Communications	
Directly responsible to:	Dr Corina Sas	
Supervisory responsibility for: None		

Other contacts

Internal:

Internal: Research Associates in the AffecTech Innovative Training Network; Staff and Students at Lancaster University

External:

External: Collaborators/partners working on the AffecTech Innovative Training Network

Major Duties:

1. To design and develop novel technologies supporting emotional regulation through biofeedback. More specifically, the developed prototypes will integrate wearable biosensors and electronic hardware for capturing emotional response such as heart rate variability and respiration, and for mapping them for real time visual, audio or haptic feedback.
2. To address research questions such as what measures of HRV or respiration can be accurately captured with wearable sensors, what such measures are also powerful biomarkers of emotion regulation, and what feedback designs best represent such measures and their embodied metaphors.
3. To collaborate with AffecTech industrial and research partners and complete the outlined deliverables.
4. To provide informal assistance, together with Dr Corina Sas, to a small group of UG & PG students working in the area.
5. To participate in project meetings; preparation and presentation of talks, posters and reports to disseminate the research outcomes.
6. To contribute to the writing of technical project deliverables on behalf of Lancaster.
7. To contribute to the high profile of the research team through excellence in research, authorship of publications and participation in dissemination of research and development results.
8. Any other duties appropriate to the grade as delegated by Dr Corina Sas.