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| **FHS RESEARCH ETHICS COMMITTEE**  **RISK ASSESSMENT FORM** |

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|  | Title of the research | The Influence of Respiratory Cycles on Visuo-Spatial Attention and Cognitive Processing |  |
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|  | Name of Principal Investigator | Shane Lindsay |  |
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|  | Location of research | University of Hull |  |
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|  | Brief description of research activity | |  |
|  | This project investigates the interaction between the respiratory cycle and visuo-spatial attention through a series of lab-based psychological experiments which produce primarily digital and anonymous data. This study will use equipment to monitor breathing phase and computers to present stimuli and analyse data. | |  |
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|  | **RISK IDENTIFICATION**  **Please identify all risks related to this research and indicate WHO is at risk and the measures that are in place or are required to mitigate these.** | | |  |
|  | **RISK(S)** | | **MEASURES IN PLACE / REQUIRED**  ***(e.g. alternative work methods, training, supervision, protective equipment)*** |  |
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|  | **Training / supervision:**  *(e.g. information or training required, level of experience, supervisor’s input and oversight)* |  | All members of the research team (except the student researcher) are trained psychological academics and will assist the student researcher if further training is required. |  |
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|  | **Location:**  *(e.g. remote area, laboratory, confined space, entry or exit, level of illumination, heating etc.)* |  | Experiments can be expected to last up to one hour in a lab – participants will be monitored during the study by the experimenter. |  |
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|  | **Research processes:**  *(e.g. use of electrical systems, gas, liquids, tissue, potential for contamination, flammability etc.)* |  | Computers will be used to display stimuli in this study. Stimuli may be presented on a screen for a short period (50ms) with a delay of 3 to 8 seconds. This has not been deemed as a risk to those with epilepsy and photosensitivity and on this basis individuals that are photosensitive or epileptic will not be excluded from this study. |  |
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|  | **Equipment use:**  *(e.g. manual handling, operation of emergency controls etc.)* |  | Bands to monitor breathing will be used. Participants will be shown how to affix these bands around their chests and abdomen themselves by use of a visual aid (i.e., images on paper) and verbal instruction from the experimenter. These will not be in contact with the skin but applied over their clothing. |  |
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|  | **Violence / upset / harm:**  *(e.g. potential for violence, sensitivity of topic, previous incidents etc.)* |  | N/A |  |
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|  | **CONTINUED…..** |  |  |  |
|  | **Individuals:**  *(e.g. medical condition, young, inexperienced, disability etc.)* |  | N/A |  |
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|  | **Work patterns:**  *(e.g. lone working, working out of hours, working off site, isolated or remote location etc.)* |  | N/A |  |
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|  | **Other:** |  | N/A |  |
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|  | Name of Principal Investigator: | **Shane Lindsay** |  |
|  | Signature: |  |  |
|  | Date: | 31/10/27 |  |
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|  |  |  |  |
|  | Name of Supervisor (if relevant): |  |  |
|  | Signature: |  |  |
|  | Date: |  |  |
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