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| Risk Assessment (RA) Title | Risk Evaluation: in-person research with participants who are at a high risk of becoming severely ill due to a communicable disease. <i>Emphasis of this protocol is on protecting the participant.</i> |
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| Date of Assessment /or Reviewed | 24/10/2022 |
| Replacing | 26/09/22 |

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| Version Number | 3 |
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| Summary of Activity RA Covers |
| In-person research activities with individuals who could have a health vulnerability or who have been selected to participate in research because of their specific health vulnerability and who could be more at risk if exposed to a communicable disease due to a lowered immune response. |

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| Location(s) RA Covers | Research activities | Person(s) RA Covers | Staff, students, visitors |
| College / Service | All Colleges performing such activities | School / Section | N/A |
| RA Assessor(s) | Gareth W Jones | Contact Details | healthandsafety@bangor.ac.uk |
| Actions to be Reviewed By | Relevant College staff | Next RA Review Date | If activities, participant profile changes |

The information contained on the following table is a general guide to enable Researchers to assess the risk associated with an activity whilst considering an individual's health vulnerabilities. The primary context of this risk evaluation process is to safeguard participants who are at high risk of becoming severely ill if they are exposed to a communicable disease.

As this protocol only evaluates health risk to the participant other risk assessments and standard operating procedures for the actual activity will still apply.

| | | HEALTH (Risk: 1 lowest, 3 greatest) | | |
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| | | 1 | 2 | 3 |
| ACTIVITY LEVEL (Risk: 1 lowest, 3 greatest) | | Medical Condition Level 1: No significant medical condition. Medical conditions controlled through behavioural, medication or other interventions. | Medical Condition Level 2: Participants with medical conditions that are generally controlled through medication or other intervention, but who may have experienced worsening in their condition and / or 'flare ups' in the last month. <i>Normally vaccinated for Coronavirus and Influenza, as applicable.</i> | Medical Condition Level 3: Participants who are at high risk of becoming severely ill due to a communicable disease. |
| 1 | Physical Contact / Activity Level 1 – In-person Session: Equivalent to a meeting / interview / completing paperwork with no notable physical contact and / or activities where physical distancing can generally be maintained. Would include light exercise that does not require an increase in breathing rate. | | | |
| 2 | Physical Contact / Activity Level 2: Testing requiring physical contact and / or exertion that will increase breathing depth or rate and velocity of exhaled air. For example, taking measurements, asking the participant to move limbs at higher rate / exertion compared to normal daily tasks. | | | |
| 3 | Physical Contact / Activity Level 3: Testing involving invasive contact and / or high levels of physical exertion e.g., taking blood, mouth swabs, exercises which will significantly increase the heart / breathing / aerosol production rate. | | | |

RESPONSE – CONTROLS TO IMPLEMENT

| Low Concern (L) | Moderate Concern (M) | High Concern (H) |
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| <ol style="list-style-type: none">1. Health Check: Confirm in the 24 hours before the activity that neither the participant nor, Researcher is experiencing symptoms which could be indicative of a communicable illness. Re-confirm again on arrival, immediately before the activity will start2. Ventilation: During the activity promote good ventilation – open windows, use HEPA Units (if available), ensure mechanical ventilation systems are on3. Disposable Face Coverings: Provide a supply. Offer the participant a face covering and ask if they want the Researcher and any supporting personnel to wear one during the activity4. Hand Hygiene: Provide hand sanitisers and practice good hand hygiene throughout5. Skin Contact: The Researcher (person making contact) must sanitise hands before and after a 'hands on' activity. Disposable gloves may also be worn if preferred6. Materials / Equipment / Surfaces: Clean with a suitable product before / after use, with particular care taken when cleaning between consecutive participants | <p>As LOW CONCERN PLUS:</p> <ol style="list-style-type: none">1. Disposable Face Coverings: The Researcher and all supporting personnel MUST wear a disposable face covering2. Research Personnel: Limit personnel in the area used to only those necessary for the research3. Ventilation: Ventilate the area for at least 30 minutes between consecutive participants. Use CO2 monitor to evaluate air quality, keep below 1500ppm, increase ventilation if rates notably rise during an activity | <p>As MODERATE CONCERN PLUS:</p> <ol style="list-style-type: none">1. Face Coverings: The Researcher and all supporting personnel MUST wear a FFP2 mask2. Ventilation: ensure good ventilation, utilise in-situ CO2 monitor to monitor air quality3. Distance: unless there is a need to get close to the participant, always keep your distance. Physical distance, face coverings and ventilation are key controls to safeguarding the high-risk participant |

Risk Assessment Statement: Provided the above controls are employed and implementation monitored, the controls should suitably demonstrate that remaining risk of communicable disease transmission are as low as is reasonably practicable. At all stages the Researcher may adopt more controls if they deem appropriate to the activity and/or participant.

Other risks associated with the activity, including health and physical impacts, should be considered in the activity risk assessment.