

**School of Chemistry Health and Safety**

**Risk Assessment Pro-forma**

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| Department/Unit Name Chemistry 4P Research Project  Assessed by … …… | | | Department Risk Assessment No… …………. Date of assessment …………..  Date of reassessment………………… | | | | |
| **Description of work activity to be assessed** including any equipment/methods/procedures put in place to control risk. (Use separate sheets or continue overleaf if required.)  Computational modelling using Python and the Eddie supercomputer. Performance of grand canonical Monte Carlo simulations (GCMC). | | | | | | | |
| **What are the individual hazards?** | **Who might be harmed and how?** | **What are you already doing?** | | **Do you need to do anything else to manage this risk?** | **Action by whom?** | **Action by when?** | **Done** | |
| Upper limb disorders | Students working on the project | A good posture, well-adjusted equipment, sufficient information about the risks, good work organisation, sufficient changes in activity | | Keep aware of the risks associated  Space and lighting must be sufficient. | Students working on the project | End of the project (02/12/22) |  | |
| Back ache | Students working on the project | A good posture, well-adjusted equipment, sufficient information about the risks, good work organisation, sufficient changes in activity | | Keep aware of the risks associated  Space and lighting must be sufficient. | Students working on the project | End of the project (02/12/22) |  | |
| Fatigue and stress | Students working on the project | A good posture, well-adjusted equipment, sufficient information about the risks, good work organisation, sufficient changes in activity | | Keep aware of the risks associated  Space and lighting must be sufficient. | Students working on the project | End of the project (02/12/22) |  | |
| Temporary eyestrain (not damage) and headaches | Students working on the project | Suitable task design to incorporate breaks, dealing with postural and eye problems | | Keep aware of the risks associated  Space and lighting must be sufficient. | Students working on the project | End of the project (02/12/22) |  | |
| Summary of risk assessment. Give details of any significant residual risks identified above requiring controls and actions still required to reduce these risks. If no significant residual risks are identified, or if no reasonably practicable controls can be put in place, then this must be noted here. (Use separate sheets or continue overleaf if required.)  Risks identified are postural limb disorders, back ache, fatigue, stress and temporal eyestrain. Controls required include good work organisation, sufficient change in activity to include breaks and sufficient lighting and space in the workspace. | | | | | | | | |