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## Human Resources

## Recruitment Handbook

**SELECTION CRITERIA**

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| **POSITION DETAILS** |  |
| **School/Branch:** | Adelaide Medical School |
| **Classification** | Level B - Lecturer - (Research Only) |

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| **ESSENTIAL MINIMUM CRITERIA – Level A** |
| 1. A PhD in (awarded or near completion) in Computational Biology, Computer Science, Artificial Intelligence, or Software Engineering (or equivalent). 2. A record of quality research in relevant fields, as evidenced by publications in leading journals and at conferences commensurate with opportunity 3. Experience in machine learning and deep learning 4. Ability to perform independent research and a commitment to interdisciplinary research 5. Demonstrated capacity to communicate research concepts to technical and non-technical audiences |

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| **ESSENTIAL MINIMUM CRITERIA – Level B** |
| 1. A PhD in Computational Biology, Computer Science, Artificial Intelligence, or Software Engineering (awarded). 2. An excellent record of research accomplishments in relevant fields, evident through high-impact publications in leading journals and conferences. 3. Expertise in machine learning and deep learning techniques, demonstrated through research projects and publications. 4. Proficiency in one or more high-level programming languages such as Python, Java, or R. 5. Strong commitment to interdisciplinary research and a track record of successful collaborations. 6. Proven ability to communicate complex research concepts effectively to technical and non-technical audiences. 7. Outstanding analytical and problem-solving skills, along with meticulous research record-keeping. 8. Ability to lead innovative research projects, supported by a strong scholarly publication record. 9. Successful track record in driving all aspects of research, including experimental design, execution, and manuscript writing. 10. Exceptional organisational, interpersonal, and written and verbal communication skills. 11. Proven ability to work collaboratively within a team and foster collaborations with external partners. 12. Excellent organisational, interpersonal, and communication skills (both verbal and written) |