### UoA_logo_mono.png

## Human Resources

## Recruitment Handbook

**SELECTION CRITERIA**

Use this form to define the selection criteria for an academic position at the University of Adelaide.

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| **POSITION DETAILS** |  |
| **School/Branch:** | School of Electrical and Mechanical Engineering |
| **Classification** | Level A |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. PhD or equivalent degree (or thesis submitted) in experimental physics, electrical and electronic engineering or a related discipline. 2. Demonstrated knowledge and experience in research and development related to optical frequency combs and their use for system demonstrations (such as spectroscopy or imaging) OR Experience in photonic integrated circuit research, including using photonic integrated circuits in system demonstrations. 3. Demonstrated publication track record in leading scientific journals and conferences, or equivalent for industry researchers 4. Demonstrated ability to conduct independent research in addition to working effectively as a member of a cross-disciplinary team. 5. Good verbal and written communication skills and interpersonal skills, including the ability to liaise and communicate effectively with professional and industry bodies, government and members of the community. 6. Good organisational and time management skills, including willingness to follow and agreed project plan and meet realistic milestones. 7. Ability to engage with industry partners and manage deliverables. 8. Commitment to the principles of equity, diversity and inclusion, and ability to contribute to the   diversity of the School community. |

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| **DESIRED CHARACTERISTICS** |
| 1. Familiarity with optical frequency mixing techniques to translate optical frequency combs to other wavelength bands. |

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| **APPROVALS – HEAD OF SCHOOL/BRANCH MANAGER** |
| Head of School / Branch Manager  Name:…………………………………………………..Signature:………………………………………………. Date:……………………………….. |

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| **ACKNOWLEDGEMENT OF INCUMBENT** |
| I have read and understood the requirements of the position  Name:*(please print)………………………………………….*Signature:………………………………………….Date:……………………………….. |

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## Recruitment Handbook

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Use this form to define the selection criteria for an academic position at the University of Adelaide.

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| **POSITION DETAILS** |  |
| **School/Branch:** | School of Electrical and Mechanical Engineering |
| **Classification** | Level B |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. PhD or equivalent degree (or thesis submitted) in experimental physics, electrical and electronic engineering or a related discipline. 2. At least 2 years of postdoctoral research experience in optical frequency combs and their use for system demonstrations (such as spectroscopy or imaging) OR Experience in photonic integrated circuit research, including using photonic integrated circuits in system demonstrations 3. Demonstrated publication track record in leading scientific journals and conferences, or equivalent for industry researchers 4. Demonstrated ability to conduct independent research, in addition to working effectively as a member of a cross-disciplinary team. 5. Experience in PhD student supervision 6. Experience in liaising with research project funding sponsors, and communicating effectively with professional and industry bodies, government, and members of the community. 7. Experience in leading research projects that have required organisational and time management skills, including experience to follow an agreed project plan and meet realistic milestones 8. Experience in engaging with industry partners and manage deliverables 9. Commitment to the principles of equity, diversity and inclusion, and ability to contribute to the   diversity of the School community. |

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| **DESIRED CHARACTERISTICS** |
| 1. Familiarity with optical frequency mixing techniques to translate optical frequency combs to other wavelength bands. |

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| **APPROVALS – HEAD OF SCHOOL/BRANCH MANAGER** |
| Head of School / Branch Manager  Name:…………………………………………………..Signature:………………………………………………. Date:……………………………….. |

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| **ACKNOWLEDGEMENT OF INCUMBENT** |
| I have read and understood the requirements of the position  Name:*(please print)………………………………………….*Signature:………………………………………….Date:……………………………….. |