# Position Details

Role summary for potential applicants

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| **Advertised Job Title:** | Indigenous Cadetship – Carbon Fibre research |
| **Reference Number:** | 31329 |
| **Classification:** | Aboriginal and/or Torres Strait Islander Cadetship |
| **Salary Range:** | Weekly stipend of $300 during periods of full-time study +  12 week paid work placement each year (starting at $570 per week) |
| **Location:** | Waurn Ponds (Geelong), VIC |
| **Tenure:** | Specified term |
| **Relocation assistance:** | Will be provided to the successful candidate if required |
| **Applications are open to:** | Open to people of Australian Aboriginal and/or Torres Strait Islander descent *(Proof of Aboriginality will be required prior to confirming the appointment)* |

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| **Role Overview:** |
| The Indigenous Cadetship Program is an initiative of the CSIRO Indigenous Engagement Strategy which seeks to significantly increase Indigenous employment nationally within CSIRO. Through this strategy, CSIRO aims to enhance the educational, employment, training and career development opportunities for people of Aboriginal and/or Torres Strait Islander descent.  Indigenous Cadetships may be offered to people of Australian Aboriginal and/or Torres Strait Islander descent who are enrolled for full-time study in their first undergraduate degree course at an Australian university. Upon successful completion of the Cadetship, Cadets will be encouraged to apply for positions in CSIRO relevant to their qualification and skills.  An opportunity exists for a cadet to join the **Manufacturing** Business Unit. In this role you will work with a small team of research scientists on an early stage project making and testing carbon cables for civil engineering applications.  The Cadet will be provided with a mentor to guide them through the project management and business complexities of working within a large science research organisation, and to help them develop their skills and talents.  Cadets will also have the opportunity to participate in CSIRO’s Aboriginal and Torres Strait Islander Forum. The forum brings together Aboriginal and Torres Strait Islander employees across the organisation (via a monthly webinar) and offers invaluable networking opportunities, as well as providing another layer of support throughout the Cadetship. |

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| **Duties and Key Result Areas:** |
| * Operate a lab scale cable twister to make a range of cable configurations * Keep accurate records of cables made and all settings used * Perform tensile tests and assist to summarise results * Offer input to research team based on experimental work observations * Comply with CSIRO general policies and procedures, OH&S policies and requirements. |
| **Selection Criteria:** |
| *Please note: Under CSIRO policy only applicants who meet all the essential criteria can be appointed.*  Pre-Requisite:   1. Enrolment in full-time study in your first undergraduate degree course in Mechanical or Civil Engineering at an Australian university. 2. Confirmation that you are of Aboriginal or Torres Strait Islander descent.   Essential Criteria:   * Ability to demonstrate knowledge of issues within contemporary Aboriginal and Torres Strait Islander societies. * Evidence of the development of a sound understanding of your discipline of study and its link to the advertised position(s). * Ability to participate and contribute in a team environment. * Evidence of sound research and study skills, including: written and oral communication skills, and numerical and data management skills. * Independently motivated, a self-starter and able to work with minimal supervision.   *Desirable Criteria:*   1. Interest in practical, hands on research 2. Understanding of engineering principles relating to steel cables used in civil engineering   As Australia’s Innovation Catalyst, CSIRO has strategic actions underpinned by behaviours aligned to Excellent science, Inclusion, trust & respect, Health, safety & environment and Deliver on commitments. In your application and at interview you will need to demonstrate alignment with these behaviours. |

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| **Other Information:** |
| This is an identified position to be occupied by an Aboriginal person and/or Torres Strait Islander person only. You will be required to provide confirmation of Aboriginality or Torres Strait Islander descent.  **The Cadetship provides:**   * study allowance of $300 per week during periods of full-time study (40 weeks) * $500 per semester to assist with study costs * 12 weeks of paid work during each year of the cadetship (usually completed during the long break at the end of each academic year &/or during semester breaks) * financial assistance to cover the cost of relocation during the 12 week work placement, including flights and accommodation if required * payment of Higher Education Contribution Scheme (HECS) costs upon successful completion of units which are attributable to the period and course of study of the cadetship. |

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| **How to Apply**  Please apply for this position online at [www.csiro.au/careers](http://www.csiro.au/careers).  You will be requested to:   1. submit a **Resume** which includes a cover letter stating why you are interested in a cadetship with the CSIRO in the ‘*Resume and cover letter*’ field; 2. upload your most recent **academic results** (or confirmation of enrolment if you have not commenced your studies) in the ‘*Eligibility documents’* field; and 3. upload your **Confirmation of Aboriginal or Torres Strait Islander descent** in the ‘*Eligibility documents’* field. This can be submitted later if you do not have a copy at present.   If you experience difficulties applying online call 1300 984 220 and someone will be able to assist you. Outside business hours please email: [csiro-careers@csiro.au.](file://C:\Users\smi969\AppData\Local\Microsoft\Windows\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\hin099\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\Local%20Settings\aus051\Local%20Settings\Temporary%20Internet%20Files\Content.Outlook\Stationery\csiro-careers@csiro.au)  **Referees:** If you do not already have the names and contact details of two previous supervisors or academic/ professional referees included in your resume/CV please add these before uploading your CV.  **Contact:** If after reading the selection documentation you require further information please contact:  Scott Barnes via email at: [scott.barnes@csiro.au](mailto:scott.barnes@csiro.au) or by phone on: (03) 5246 4051.  *Please do not email your application directly to Scott Barnes. Applications received via this method will not be considered.*  **About CSIRO**  The Commonwealth Scientific and Industrial Organisation (CSIRO) is Australia’s National science agency. At CSIRO, we do the extraordinary every day. We innovate for tomorrow and help improve today – for our customers, all Australians and the world. Our innovations contribute billions of dollars to the Australian economy every year. As the largest patent holder in the nation, our vast wealth of intellectual property has led to more than 150 spin-off companies. With more than 5,000 experts and a burning desire to get things done, we are Australia’s catalyst for innovation.  CSIRO. We imagine. We collaborate. We innovate.  **CSIRO Manufacturing**  Australian manufacturing is changing focus from heavy industry to high tech products based on sustainable, advanced manufacturing processes. Our science and engineering skills, equipment and international connections are helping Australian manufacturers be globally competitive. Find out more at: <http://www.csiro.au/en/Research/MF> |