AUSTRALIAN RESEARCH COUNCIL
Discovery Early Career Researcher Award
Application for Funding Commencing in 2023

DE

Project ID: DE230100000

First Investigator:

Admin Org:

Total number of sheets contained in this Application:

Information on this form and its attachments is collected in order to make recommendations to the Minister on the allocation of financial assistance under the Australian Research Council Act 2001 and for due diligence and post award reporting. The information collected may be passed to third parties, including being sent to overseas parties for assessment purposes. It may also be passed to any other Australian Government Department or Agency where required, and noting information contained in this application can be disclosed without consent where authorised or required by law.

Part A - Administrative Summary (DE230100000)

A1. Application Title

(Provide a short title (up to 75 characters, approximately 10 words).)

A2. Person Participant Summary

(Add the DECRA candidate participating in this application.)

Number	Name	Participant Type	Current Organisation(s)
1		Discovery Early Career Researcher Award	

A3. Organisation Participant Summary

(Add the Administering Organisations participating in this application. Refer to the Instructions to Applicants for further information.)

Number	Name	Participant Type

A4. Application Summary

(Provide an Application Summary (a paragraph of text which is used by the Minister to consider the application), focusing on the aims, significance, expected outcomes and benefits of this project. Write the Application Summary simply, clearly and in plain English. If the application is successful, the Application Summary will be used to give the general community an understanding of the research. Avoid the use of acronyms, quotation marks and upper-case characters. Refer to the Instructions to Applicants for further information (up to 750 characters, approximately 100 words).)

A5. List the objectives of the proposed project

(List each objective separately by clicking 'Add answer' to add the next objective (up to 500 characters, approximately 70 words per objective). This information will be used for future reporting purposes if this application is funded.)

Objective

A6. National Interest Test

(Outline the extent to which the research contributes to Australia's national interest through its potential to have economic, commercial, environmental, social or cultural benefits to the Australian community. Write the description of the national interest simply, clearly and in plain English between 750 and 1125 characters (between approximately 100 and 150 words).
Note: The National Interest Test Statement may also be used for public release by the ARC.
This question and the corresponding answer will not appear in the PDF version of the form.)

Part B - Classifications and Other Statistical Information (DE230100000)

B1. Does this application fall within one of the Science and Research Priorities?

Science and Research Priority	Practical Research Challenge

B2. Field of Research (FoR-2020)

(Select up to 3 FoR classification codes that relate to the application. Note that the percentages must total 100.)

Code	Percentage

B3. Socio-Economic Objective (SEO-2020)

(Select up to 3 SEO classification codes that relate to the application. Note that the percentages must total 100.)

Code	Percentage

B4. Interdisciplinary Research

(This is a 'Yes' or 'No' question. If you select 'Yes' 2 additional questions will be enabled:
1. Specify the ways in which the research is interdisciplinary by selecting one or more of the options below and click 'Add'.
2. Indicate the nature of the interdisciplinary research involved (up to 375 characters, approximately 50 words).)

Does this application involve interdisciplinary research?

Specify the ways in which the research is interdisciplinary by selecting one or more of the options below.

Indicate the nature of the interdisciplinary research involved (up to 375 characters, approximately 50 words).

B5. Does the proposed research involve international collaboration?

(This is a 'Yes' or 'No' question. If you select 'Yes' 2 additional questions will be enabled:
1. What is the nature of the proposed international collaboration activities; and
2. If the proposed research involves international collaboration, specify the countries involved.)

B6. What is the nature of the proposed international collaboration activities?

(Select all options from the drop down list which apply to this application by clicking on the 'Add' button each time an option is selected.)

B7. If the proposed research involves international collaboration, please specify the country/ies involved.

(Commence typing in the search box and select from the drop-down list the name of the country/ies of collaborators who will be involved in the proposed project. Note that Australia is not to be listed and is not available to be selected from the drop down list.)

_____

B8. How many PhDs, Masters and Honours that will be filled as a result of this project?

(For reporting purposes, the ARC is capturing the number of Research Students that would be involved if the application is funded. Enter the number of all student places (full-time equivalent - FTE) that will be filled as a result of this project, not just those requested in the budget for funding in the application form.)

Number of Research Student Places (FTE) – PhD

_____

Number of Research Student Places (FTE) - Masters

_____

Number of Research Student Places (FTE) - Honours

_____

Part C - Project Eligibility (DE230100000)

C1. Medical Research

(This is a 'Yes' or 'No' question. Does this application contain content which requires a statement to demonstrate that it complies with the eligible research requirements set out in the ARC Medical Research Policy located on the ARC website?)

_____

C2. Medical Research Statement

(Justify why this application complies with the eligible research requirements set out in the ARC Medical Research Policy located on the ARC website. Eligibility will be based solely on the information contained in this application. This is your only chance to provide justification, the ARC will not seek further clarification (up to 750 characters, approximately 100 words).)

_____

C3. Current Funding

(Does this application request funding for similar or linked research activities, infrastructure or a project previously funded, or currently being funded, with Australian Government funding (from ARC or elsewhere)? This is a 'Yes' or 'No' question. If 'Yes', provide the Project ID(s) and briefly explain how funding this project would not duplicate Australian Government funding or overlap with existing projects.)

_____

Funded Project ID(s)

_____

Detail how this project is different from the previously/currently funded project(s) (up to 2000 characters, approximately 285 words).

_____

C4. Other application(s) for funding

(Are you applying for funding from the Australian Government (ARC or elsewhere) for similar or linked research? This is a 'Yes' or 'No' question. If 'Yes' provide the application ID(s) and briefly explain why more than one application for similar or linked research has been submitted and, should all applications be successful, how they will be managed to avoid duplication of Australian Government funding.)

_____

If yes, provide the application ID(s)

_____

Briefly explain why more than one application for similar or linked research has been submitted (up to 2000 characters, approximately 285 words).

_____

D1. Please confirm that potential risks have been taken into consideration for the proposed project, including the impacts of COVID-19.

(The application form will not validate if 'No' is selected. Please note that if this application is successful a risk management plan will be required to be held by the Administering Organisation before the project starts and any changes in circumstances that affect the proposed research project will be managed as a post award issue by the ARC.)

D2. Project Description

(Upload a Project Description as detailed in the Instructions to Applicants and in the required format. Ensure that the Project Description responds to the assessment criteria listed in the grant guidelines (up to 10 A4 pages).)

D3. Statement by the Administering Organisation

(Provide a statement that addresses the relevant criteria as set out in the grant guidelines (upload a PDF of up to 3 A4 pages).)

Part E - Project Cost (DE230100000)

E1. What is the proposed budget for your project?

(There are rules around what funds can be requested from the ARC. You must adhere to the scheme specific requirements listed in the grant guidelines. Refer to the Instructions to Applicants for detailed instructions on how to fill out the budget section.
(This question must be answered))

Total requested budget:

Year 1

Description	ARC
	Cash
Total	108,106
Personnel	108,106
(Discovery Early Career Researcher Award)	108,106

Year 2

Description	ARC
	Cash
Total	108,106
Personnel	108,106
(Discovery Early Career Researcher Award)	108,106

Year 3

Description	ARC
	Cash
Total	108,106
Personnel	108,106
(Discovery Early Career Researcher Award)	108,106

E2. Justification of non-salary funding requested from the ARC

(Fully justify each budget item requested in terms of need and cost. Use the same headings as in theDescription column in the Budget Table of this application (upload a PDF of up to 4 A4 pages and within the required format).)

Budget Justification

E3. Details of non-ARC contributions

(Provide an explanation of how non-ARC contributions will support the proposed project. Use the same headings as in the Description column in the above Budget Table of this application (upload a PDF of up to 2 A4 pages and within the required format).)

Details of non-ARC Contributions

Part F - Participant Details including ROPE ()

F1. Personal Details

(To update any Personal Details, click on the 'Manage Personal Details' link below. Note this will open a new browser tab. When returning to the form ensure to 'Refresh' the page to capture the changes made to the DECRA candidate's profile.

Note: The date of birth, country of birth, citizenship, material personal interests and Indigenous status section will not appear in the PDF version of the form and will not be visible to assessors.

Data may be shared with other Commonwealth Entities.

All information contained in Part F is visible to the Administering Organisation on this application.

This data is automatically populated from the participant's RMS profile.)

Participation Type

Title

First Name

Middle Name

Family Name

Phone Number
(Mobile phone number must be provided.)

Date of Birth

Country of Birth

Citizenship

Australian Permanent Resident

Australian Temporary Resident

Indigenous Status

Are you currently receiving any financial support (cash or in-kind) for research related activities from a country other than Australia?

(Note: This question and the corresponding answer will not appear in the PDF version of the form. This data is automatically populated from your RMS profile.)

Are you currently, or have you previously been, associated or affiliated with a talent recruitment program from a country other than Australia?

(Note: This question and the corresponding answer will not appear in the PDF version of the form. This data is automatically populated from your RMS profile.)

Are you currently associated or affiliated with a government, political party, government owned enterprise, military or police organisation in a country other than Australia?

(Note: This question and the corresponding answer will not appear in the PDF version of the form. This data is automatically populated from your RMS profile.)

Have you identified and disclosed any conflicts of interests in accordance with your Institution's conflict of interest policies and procedures?

(Note: This question and the corresponding answer will not appear in the PDF version of the form. This data is automatically populated from your RMS profile.)

Has the DECRA candidate acknowledged the collection of personal information by the ARC?

(Note: This question and the corresponding answer will not appear in the PDF version of the form. This data is automatically populated from your RMS profile.)

F2. Current country of residence
(If the DECRA candidate is not an Australian citizen, they must obtain a legal right to work and reside in Australia.)

F3. Fields of Research (FoR-2020)

(To update any Field of Research (FoR) codes, click on the 'Manage Expertise and Fields of Research' link below. Note this will open a new browser tab. When returning to the form ensure to 'Refresh' the page to capture the changes made to the DECRA candidate's profile.
Note: This question and the corresponding answer will not appear in the PDF version of the form.
This data is automatically populated from the participant's RMS profile.)

F4. Expertise Text

(To update any Expertise Text, click on the 'Manage Expertise and Fields of Research' link below. Note this will open a new browser tab. When returning to the form ensure to 'Refresh' the page to capture the changes made to the DECRA candidate's profile.
Note: This question and the corresponding answer will not appear in the PDF version of the form.
This data is automatically populated from the participant's RMS profile.)

F5. Qualifications

(To update any qualifications, click on the 'Manage Qualifications' link below. Note this will open a new browser tab. When returning to the form ensure to 'Refresh' the page to capture the changes made to the DECRA candidate's profile.
This data is automatically populated from the participant's RMS profile.)

F6. Research Load (non-ARC Grants and Research)

(Provide details of research funding from non-ARC sources (in Australia and overseas). For research funding from non-ARC sources, list all projects/applications/awards/fellowships awarded or requests submitted involving the DECRA candidate for funding for the years 2022 to 2026 inclusive.)

F7. What will the DECRA candidate's time commitment be to research activities related to this project?

(It is a requirement for DECRA candidate to work a minimum of 0.8 full-time equivalent (FTE) of their time on research activities related to the DECRA. Enter your time commitment to this project as a full-time equivalent (FTE). Note that an FTE of 1.0 represents a full-time commitment (i.e. 5 days per week).)

F8. Eligibility - Currently held ARC Projects

(This information is auto-populated. If you have any concerns with the information recorded here, please contact your Administering Organisation's Research Office.)

F9. Eligibility - Relevant Qualification

(Please select the qualification which is most relevant to the application.)

F10. Are you utilising the one-year eligibility extension due to COVID-19?

(Researchers who were in their final year of eligibility for DE22 and chose not to apply in that round can utilise the automatic one-year extension to apply in this round (DE23).)

This is a Yes/No question – select Yes or No

F11. Eligibility - Has the DECRA candidate been granted an extension by the Administering Organisation, to the eligibility period due to a significant career interruption as outlined in the grant guidelines?

(If the DECRA candidate's qualification relevant to this application (listed in Question F9) was awarded prior to 1 March 2017 and they have had a significant career interruption (as listed in the grant guidelines), the DECRA candidate will need to seek an extension to the eligibility period through their Deputy Vice-Chancellor (Research).)

F12. Eligibility - Select the category of career interruption claimed (more than one may be selected)

*(Choose all types of career interruptions which have been claimed in the application for extension to the DECRA candidate's qualification as certified by the Deputy Vice-Chancellor (Research) or equivalent.
Select a type of interruption and click 'Add'.)*

F13. Eligibility - What is the total period of extension that the DECRA candidate has claimed?

(Select the period of time which most closely equals the total period of extension claimed.)

F14. Eligibility - Current Research Fellowship or Award funded by other Australian Government agencies

(Do not list Fellowships and Awards granted by the ARC. Only list Fellowships and Awards from other agencies.)

Does the DECRA candidate hold a current Research Fellowship or Award funded by other Australian Government agencies?

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Fellowship or Award Name

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Funding Organisation

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Year Awarded

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Expected Completion Date

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F15. Eligibility - Project Relinquishment or Application Withdrawal

(ARC grant guidelines specify the limits on the number of applications and projects per DECRA candidate. This question will be activated where a DECRA candidate will exceed ARC project limits at the grant opportunity closing date if this application is successful. While the application can be submitted, project limits must be met under the grant guidelines before the project can start. Project limits can be met by relinquishing existing active project(s), or relinquishing role(s) on existing active projects, or withdrawing application(s) that would exceed the project limits. This does not need to occur until all applications are announced.)

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F16. Research Opportunity and Performance Evidence (ROPE) - Current and previous appointment(s) / position(s) - during the past 10 years

(To update any details in this table, click on the 'Manage Employment Details' link in this question. Note this will open in a new browser tab. 'Refresh' the application page when returning to the form to capture changes made to the DECRA candidate's profile.
This data is automatically populated from the participant's RMS profile.)

F17. Research Opportunity and Performance Evidence (ROPE) - Career Interruptions

(You must read the ROPE Statement http://www.arc.gov.au/arc-research-opportunity-and-performance-evidence-rope-statement before filling out this section.)

Has the DECRA candidate experienced a significant interruption that has impacted on research opportunity?

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From when

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To when

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FTE of career interruption

Interruption Category

Details

F18. Research Opportunity and Performance Evidence (ROPE) - Details of the DECRA candidate's career and opportunities for research, evidence of research impact and contributions to the field, including those most relevant to this application

(Provide details of the DECRA candidate's circumstance and opportunities. This should not include information presentedin the following questions (upload a PDF of up to 5 A4 pages).)

F19. Research Opportunity and Performance Evidence (ROPE) - Research Outputs Context

(Research context: Provide clear information that explains the relative importance of different research outputs and expectations in the DECRA candidate's discipline/s. The information should help assessors understand the context of the DECRA candidate's research achievements but not repeat information already provided in this application. It is helpful to include the importance/esteem of specific journals in their field; specific indicators of recognition within their field such as first authorship/citations, or significance of non-traditional research outputs. If preprints or comparable resources are cited, these should be explicitly identified in the reference list by including [PREPRINT OR COMPARABLE] after the reference. The reference should include a DOI, URL or equivalent, version number where available and/or date of access, as applicable (up to 3,750 characters, approximately 500 words).)

F20. Research Opportunity and Performance Evidence (ROPE) – Research Outputs Listing including 10 Career-Best Research Outputs

(Provide a list of research outputs marking those that are most relevant to this application categorised under the following headings: 10 career- best research outputs; Authored books; Edited books; Book chapters; Refereed Journal articles; Fully refereed conference proceedings; Additional research outputs (including non-traditional research outputs and preprints or comparable resources). CVs and theses should not be included in this list. The DECRA candidate's 10 career-best research outputs should not be repeated under subsequent headings (up to 100 research outputs).)

Research Outputs Listing
To indicate the 10 career-best research outputs enter numbers 1 up to 10 in the 'Rank' column. To indicate research outputs that are relevant, tick the 'Relevant' checkbox which will add an asterisk against that research output.

F21. Certification by the DECRA candidate

(I certify that:
i) all the details in this application are accurate and complete, including information contained in my Research Management System personal profile;
ii) proper inquiries have been made and I am satisfied that I meet the eligibility criteria as specified in the grant guidelines;
iii) as a participant listed on the application I have responsibility for the authorship and intellectual content of this application, and have appropriately cited sources and acknowledged significant contributions, including third parties, where relevant.
iv) I have complied with the grant guidelines, and the scheme specific Instructions to Applicants and if the application is successful I agree to abide by the relevant Commonwealth grant agreement;
v) I understand and agree that all statutory requirements must be met before the proposed research can commence;
vi) I have notified the Administering Organisation of all material personal and financial interests and actual or perceived Conflicts of Interest I may have in relation to the application and I undertake that I will notify the Administering Organisation of any personal material interests or Conflicts of Interest which arise subsequent to the submission of the application and will update my personnel details in my ARC Research Management System profile; and
vii) I will notify the Administering Organisation if there are any changes in my circumstances which may impact on my eligibility to participate in, or ability to perform, the project subsequent to the submission of this application.)

Certification

Certification by the Deputy/Pro Vice-Chancellor (Research) or their delegate or equivalent in the Administering Organisation

I certify that—

- I have read, understood and complied with the *Grant Guidelines for the Discovery Program (2021 edition)*, (grant guidelines) and, to the best of my knowledge all details provided in this application form and in any supporting documentation are true and complete in accordance with the grant guidelines.

- Proper enquiries have been made and I am satisfied that the Discovery Early Career Researcher Award (DECRA) candidate listed in this application meets the requirements specified in the grant guidelines, including having been awarded a PhD on or after 1 March 2017. Where the DECRA candidate has allowable career interruptions, sufficient evidence has been provided to the Administering Organisation and based on this evidence, I certify that the candidate has an award of PhD date together with an allowable period of career interruption (as listed in the grant guidelines) that would be commensurate with an award of PhD date on or after 1 March 2017.

- Where the DECRA candidate holds a research higher degree, that is not a PhD, sufficient evidence has been provided to the Administering Organisation and based on this evidence, I certify that the candidate's qualification meets the level 10 criteria of the *Australian Qualifications Framework Second Edition*.

- I certify that where a DECRA candidate has more than one PhD, the earliest PhD has been selected and meets the eligibility requirements, including having been awarded a PhD on or after 1 March 2017.

- Upon request from the ARC, this organisation will provide evidence to support a career interruption justification in relation to the PhD award date.

- The ARC reserves the right to audit any evidence on which an application is based.

- I will notify the ARC if there are changes to the DECRA candidate after the submission of this application.

- The listed participants are responsible for the authorship and intellectual content of this application, and has appropriately cited sources and acknowledged significant contributions to this application.

- To the best of my knowledge, all personal material interests and Conflicts of Interest relating to parties involved in or associated with this application have been disclosed to the Administering Organisation, and, if the application is successful, I agree to manage all Conflicts of Interest relating to this application in accordance with the *Australian Code for the Responsible Conduct of Research* (2018), the *ARC Conflict of Interest and Confidentiality Policy* located on the ARC website and any relevant successor documents.

- I have obtained the agreement, attested to by written evidence, of all the relevant persons and organisations necessary to allow the project to proceed. This written evidence has been retained and will be provided to the ARC if requested.

- I have obtained the certification of all organisations contributing to the project (CEO or their delegate) that they support the project, will contribute the resources outlined in the application, have complied with the grant guidelines and will abide by the relevant Commonwealth grant agreement, including the requirement to enter arrangements for intellectual property.

- The application, including all parties involved in or associated with this application, has undergone due diligence to assess risks from foreign interference in line with the *Guidelines to Counter Foreign Interference in the Australian University Sector (2019)* developed by the University Foreign Interference Taskforce.

- This application complies with the eligible research requirements set out in the *ARC Medical Research Policy*, located on the ARC website.

- This application does not request funding for the same research activities, infrastructure or project previously funded or currently being funded through any other Commonwealth funding.

- If this application is successful, I am prepared to have the project carried out as set out in this application and agree to abide by the terms and conditions of the grant guidelines and the relevant Commonwealth grant agreement.

- The project can be accommodated within the general facilities of this organisation and if applicable, within the facilities of other relevant organisations specified in this application and sufficient working and office space is available for any proposed additional staff.

- All funds for this project will only be spent for the purpose for which they are provided.

- The project will not be permitted to commence until there is an ethics plan in place to ensure that the appropriate clearances or other statutory requirements will be met before the part/s of the project that require those clearances commence.

- I consent, on behalf of all the parties, to this application being referred to third parties, including to overseas parties, who will remain anonymous, for assessment purposes.

- I consent, on behalf of all the parties, to this application being provided to third parties for the purposes of assessment for potential other funding opportunities.

- I consent, on behalf of all the parties, to the ARC copying, modifying and otherwise dealing with information contained in this application for the purpose of conducting the funding round.

- To the best of my knowledge, the Privacy Notice appearing at the top of this form has been drawn to the attention of the DECRA candidate whose personal details have been provided in the Participant section of the application.