

General Assessor Handbook

A guide for **General** Assessors on the selection and assessment under the Discovery Program Fellowships grant opportunities for

Australian Laureate Fellowships - FL24

Future Fellowships - FT24

Discovery Early Career Researcher Award - DE25

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Contents

1. Overview	3
2. The assessment process	3
2.1 General Assessors	4
2.2 Scoring and ranking assessments	7
2.3 Important factors to consider when assessing	7
3. General Assessors: Selection Advisory Committee (SAC) meeting preparation	9
3.1 Roles and responsibilities before the SAC meeting	9
3.2 Roles and responsibilities at the SAC meeting and information on the Selection Meeting	12
4. Ensuring integrity of process	13
4.1 Confidentiality and Conflict of Interest (COI)	13
4.2 Research integrity and research misconduct	13
4.3 Applications outside the General Assessor's area of expertise	14
4.4 Eligibility	14
4.5 Unconscious bias	14
5. Contact details for queries during the assessment process	14
Appendix: Discovery Program Scoring Matrix and assessment criteria considerations	15
Australian Laureate Fellowships (FL24)	15
Future Fellowships (FT24)	18
Discovery Early Career Researcher Award (DE25)	21

1. Overview

This Handbook provides instructions and advice for **General** Assessors on the assessment process for:

- 1. Australian Laureate Fellowships (FL)
- 2. Future Fellowships (FT)
- 3. Discovery Early Career Researcher Award (DE)

These schemes are part of the Discovery Program of the Australian Research Council's (ARC) <u>National</u> <u>Competitive Grants Program (NCGP).</u>

The Discovery Program's Fellowship schemes provide support for early, mid-career and senior researchers undertaking the highest-quality fundamental and applied research and research training.

The specific objectives and assessment criteria for each of the grant opportunities covered in the Handbook are listed in Appendix, and are also available in the relevant Grant Guidelines on <u>GrantConnect</u>.

2. The assessment process

Peer review is the method used to assess ARC applications and is undertaken by 2 groups of experts known as General and Detailed Assessors. Experts from each group assess applications against the relevant grant opportunity assessment criteria and contribute to the process of scoring and ranking research applications. Detailed Assessors comments should be useful for both General Assessors and applicants. Detailed Assessors' comments and scores are considered by General Assessors as part of their assessment of applications, while Detailed Assessors' comments are treated in applicants' rejoinders. The objective of the assessment process is to ensure that the highest quality research applications are recommended to the ARC Chief Executive Officer (CEO) for funding. The CEO then makes recommendations to the relevant Minister who decides which projects will be allocated funding under the NCGP.

The <u>Research Management System (RMS)</u> is the online system used for the preparation and submission of research applications, assessments and rejoinders for the ARC. The <u>RMS User Guide for Assessors</u>, assists **General** and **Detailed** Assessors to navigate the RMS assignment and assessment process. This User Guide is available on the ARC <u>Assessor Resources</u> page. Here, assessors can also find additional information about the peer review process.

General and Detailed Assessors have different roles in the peer review process. Key aspects of the role of General Assessors are outlined in Sections 2.1.

Assessor scores and comments are now available to unsuccessful applicants once grant outcomes are announced in RMS. General Assessors need to be aware that the scores released to applicants are those submitted by General Assessors prior to the RMS Meeting Application being finalised for the SAC meeting.

2.1 General Assessors

RMS profile

It is important that General Assessors ensure that their RMS profile is up-to-date and contains the following details:

- **1. Expertise text:** Please outline your expertise briefly. The following format is suggested "My major area of research expertise is in a, b, c. I have additional research experience in q, r, s. I would also be able to assess in the areas of x, y, z. The research facilities, techniques and methodologies I use are I, m, n".
- 2. Field of Research (FoR-2020) Codes: Please include between 6 and 10 FoR codes at the 6-digit level that reflect your key areas of expertise.
- **3. Employment History:** Please ensure that your employment history is kept up to date, to enable your organisational conflicts of interests to be identified in RMS.
- **4. Personal Details:** Please ensure your personal details are up to date, including conflicts of interest and personal material interest declarations.

This information will be used to match assessors with applications and should accurately represent your research expertise.

The Selection Advisory Committee

The Selection Advisory Committee (SAC) is responsible for reviewing applications, Detailed Assessors' assessments, and applicants' rejoinders, and for final deliberations and recommendations to the ARC Chief Executive Officer.

For each grant opportunity, Executive Directors select General Assessors to form a SAC. SAC members have a crucial role in the peer review process. SACs may include members from the ARC College of Experts (CoE) and other eminent members of the wider academic community and/or key industry groups. SACs may also be divided into panels of different disciplines depending on the scheme under assessment. SAC members are chosen to provide a combination of relevant expertise and experience to support the objectives of the grant opportunity.

Following the deadline for submission of applications, ARC Executive Directors assign each application to General Assessors. The lead General Assessor (Carriage 1) is usually closely associated with the application's academic field and other General Assessor(s) (Other Carriage) have supplementary expertise. Carriage 1 has primary responsibility for the application, which will include speaking to the application and its assessments and rejoinder at the SAC meeting. Other Carriages have a responsibility to assist Carriage 1 in resolving initial recommendations, often through discussions in advance of the SAC meeting, and adding their evaluation to Carriage 1's during the SAC meeting.

Note: General Assessors are not required to agree on or align their scores for an application, but if the scores are disparate, they need to understand why their opinions differ to facilitate discussion at the SAC meeting.

Detailed Assessors are assigned by either Carriage 1 or an Executive Director at the ARC depending on the scheme under assessment. The number of Detailed Assessors required to be assigned for each specific grant opportunity, including reserves, is shown on the assignment page in RMS and communicated to General Assessors via email.

If Carriage 1 is required to assign Detailed Assessors, they are asked to select assessors to achieve a gender-balanced and discipline appropriate evaluation of the application.

We ask General Assessors to ensure that multiple assessors from the same organisation are <u>not</u> assigned to the same application.

After assigning the required number of assessors in RMS and following the ARC's announcement of assignments, the Carriage 1 may notice that some applications appear to need more assignments. This is due to the previously assigned assessors rejecting the assessment or not responding, but no further action is required from the Carriage 1. The monitoring of assignments, acceptance, rejection and submission is

managed by ARC staff. If the assigned Detailed Assessors and reserves become unavailable, an ARC Executive Director will assign additional Detailed Assessors.

Cross-panel applications

Cross-panel applications are applications with General Assessors on more than one panel assessing the application due to the cross-disciplinary nature of the application. Cross-panel applications undergo the same assignment and assessment process as all other applications. Cross-panel applications are assessed in the Selection Advisory Meeting where the Carriage 1 is assigned.

General Assessors assigned to a cross-panel application who are not Carriage 1 and are from a different panel (for expertise), will not have access to the application in the RMS Meeting Application, so will not be able to see the final ranking of the application, and will need to ask the Carriage 1 for this information. A cross-panel application will <u>not</u> be automatically tagged for discussion at the SAC meeting unless requested by one of the General Assessors (this can be the General Assessor from the other panel).

Prior to the Selection Advisory Committee meeting, it is important that the General Assessor(s) who are not in the Carriage 1's selection meeting ensure that the Carriage 1 has sufficient information to represent their views in the meeting.

Note: it is rare that General Assessors from other panels are brought into the meeting to present their views, but this can be arranged if any of the General Assessors consider it critical to ensure a fair assessment of the application.

General assessment process

All General Assessors must declare any conflicts of interest (COI) and reject the assignment as soon as possible if a COI exists. This will assist the ARC with the timely re-assignment of applications (see <u>Section 4.1</u> for further information). If a General Assessor is unsure of whether a COI exists, they must seek advice from the ARC before proceeding with accepting an assignment by emailing <u>ARC-College@arc.gov.au</u> as soon as possible.

When assessing applications General Assessors must rely solely on the information provided within the application including referenced publications and preprints and should not seek additional information from any sources. This includes following any hyperlinks that may have been provided in the application. The inclusion of webpage addresses/URLs and hyperlinks is only permitted under certain circumstances such as publications (including preprints) that are only available online and Letters of Support. Webpage addresses/URLs and hyperlinks should not be used to circumvent page limits, nor should they provide information that is not contained in the application. All information relevant to the application must be contained within the application.

Saving preliminary assessments

Following the assignment process, General Assessors independently read and assess all of their assigned applications against the relevant assessment criteria, based on an A to E Scoring Matrix (although the matrix provides guidance on the expected averages across the entire set of applications, each application must be marked on its own merits). These preliminary assessment scores should be saved as drafts in RMS (but not submitted). General Assessors enter scores into RMS; they do not enter text.

In the rejoinder process, applicants receive anonymised Detailed Assessors' comments only without the commensurate scores.. The applicant then has an opportunity to provide a rejoinder to address any issues raised by the Detailed Assessors.

After the rejoinder process has closed, General Assessors review the Detailed Assessors' comments and scores and the applicants' rejoinder text. Detailed assessments and rejoinders will inform General Assessors' scores and at this point General Assessors can review and if necessary, revise and save their preliminary scores. General Assessors then ensure that their <u>draft</u> scores are entered in RMS (**but not submitted**) before the preliminary assessment due date determined by the ARC, enabling their co-Carriages to view the scores and to facilitate discussion and ensure that all co-Carriages have an opportunity to understand the reasoning behind any differences in Carriage scores.

Note: If a General Assessor is provided with an extension to enter their preliminary scores due to exceptional circumstances, the ARC will facilitate alternative arrangements for co-Carriages to discuss and address discrepancies.

Revising and submitting final assessments

For applications that have a difference in scores between the General Assessors, Carriage 1 is responsible for contacting the other Carriage(s) to discuss their scores. General Assessors are not required to agree on or align their scores for an application, but if the scores are disparate, they need to understand why their opinions differ to facilitate discussion at the SAC meeting. Following this discussion, final scores and ranks should be **submitted in RMS** by the required final due date.

When all final scores are submitted, RMS produces a ranked list of all applications (see <u>Section 2.2</u> for further information). This list is used at the SAC meeting to assist with the identification of applications that are of sufficient quality to be fundable. The ranking of applications on this list is not final and the meeting process provides several opportunities for the SAC to discuss and review all applications, as outlined below.

Inappropriate assessments

If General Assessors are concerned about the appropriateness of any assessment text or comments that do not match scores from Detailed Assessors, or identify a potential COI or potential breach of confidentiality, including but not limited to, the use of generative Artificial Intelligence technology¹, then they **must** contact the ARC by sending an email to ARC-College@arc.gov.au as soon as possible. The ARC will investigate the concerns and decide whether an assessment should be amended by the Detailed Assessor or removed from the process. The latter happens only in rare circumstances and requires ARC Senior Executive approval.

If inappropriate assessments are identified early in the assessment process by the ARC or the applicant during the rejoinder stage, the ARC may ask the assessor to amend their assessment of the application or consider removal of an assessment as above.

Order of the assessment process

The following diagram provides an overview of the General Assessor's assessment process.

Diagram 1: Overview of the General Assessor Assessment Process

General Assessors assigned applications and review for COI

Detailed Assessors assigned applications

General Assessors save preliminary/draft scores

Rejoinders are submitted

General Assessors revise and submit final scores

¹ Policy on Use of Generative Artificial Intelligence in the ARCs grants programs 2023.pdf

2.2 Scoring and ranking assessments

Scoring

When applying the Scoring Matrix, General Assessors should have regard for the specific grant opportunity objectives (see Appendix) and assessment criteria for the Fellowship type.

Scoring applications against assessment criteria can be a difficult exercise when Assessors might only look at a small sub-set of applications. Bands within the Scoring Matrix ideally represent a distribution across all applications submitted to a grant opportunity.

Only the very best applications should be recommended. As a guide, approximately 10% should fall into the top scoring band ('A'). These would have been assessed as near flawless applications across all assessment criteria.

A Scoring Matrix for the scores A to E is provided in **Table 1** below and should guide scoring by both Detailed and General Assessors.

Table 1: Example Scoring Matrix

Score	Criteria	Recommendation
Α	Outstanding: Of the highest quality and at the forefront of research in the field. Approximately 10% of applications should receive scores in this band.	Recommended unconditionally
В	Excellent: Of high quality and strongly competitive. Approximately 15% of applications should receive scores in this band.	Strongly support recommendation of funding
С	Very Good: Interesting, sound and compelling. Approximately 20% of applications should receive scores in this band.	Support recommendation of funding with reservation
D	Good: Sound but lacks a compelling element. Approximately 35% of applications are likely to fall into this band.	Unsupportive of recommendation for funding
E	Uncompetitive: Uncompetitive and has significant weaknesses. Approximately 20% of applications are likely to fall into this band.	Not recommended for funding

NOTE: This Scoring Matrix is an example only. Please see Appendix for the Scoring Matrix applicable to each individual grant opportunity.

Ranking

Each application must have a unique rank. Although RMS will use the **overall application scores** to automatically rank an Assessor's assessments as these are completed in RMS, if multiple applications have the same **overall application scores** these applications will be flagged and an Assessor must assign a unique rank to differentiate equally scored applications. Differentiation should be based on how you compare the applications in relation to the Scoring Matrix.

Note: RMS will use your scores to automatically rank applications, and then use your rank order to differentiate equally scored applications.

Assessments should be submitted when all applications have been assigned 1) a score and 2) a unique ranking.

2.3 Important factors to consider when assessing

Objectives and assessment criteria

Each grant opportunity has specific objectives and assessment criteria.. Assessors must have regard to both the objectives and the assessment criteria as outlined in the relevant Grant Guidelines and the Appendix of this document.

To reduce duplication, the Application Form for each of the Discovery Program Fellowship schemes has been streamlined. When a question from the assessment criteria is covered in multiple sections of the application form, it has been removed as a separate heading in the Project Description question. Assessors should be aware that the 'Investigator/Capability' criteria (FL, FT, DE) and 'Feasibility and Strategic Alignment' (FT)/'Feasibility' (DE) criteria are no longer separate headings in the Project Description.

In the FL24 Application Form the 'Investigator/Capability' assessment criteria are captured in Part B Participant Details including ROPE, Questions 7-11; the 'Mentoring and Capacity Building' assessment criteria are contained in Part B Questions B8 (Details of the Australian Laureate Fellowship candidate's career, evidence of research impact and contributions to the field, including those most relevant to this application as well as evidence of leadership, mentoring and research training or supervision), B9 (How many PhDs, Masters and Honours students that the Australian Laureate Fellowship candidate has supervised have completed their degree?) and C1 (Project Description, - Mentoring and Capacity Building).

Similar changes have been made to the FT and DE schemes, allowing Investigator/Capability to be assessed primarily through answers to Part B (Participant Details including ROPE of the Application Form Questions B7-11); in addition to Part C1 (Project Description: 'Project Quality and Innovation' and for the FT scheme, 'Mentoring and Capacity Building'); and Part C2 (Letter of Support). 'Feasibility and Strategic Alignment' (FT) and 'Feasibility' (DE) are assessed in ROPE (B7-11); Project Quality and Innovation (C1 – Project Description); the Letter of Support (C2); and the Budget Justification (D2).

National Interest Test (NIT)

Applicants must provide a separate response on the national interest of their research proposal, which is provided with other elements of an application recommended for funding for final consideration by the Minister.

The NIT statement provided by the researcher is part of their application, will be certified by the DVCR and will be available to all assessors. It should be considered as part of the assessment of the application. The National Interest Test is to be used with the rest of the information in the application to inform an assessor's assessment of the Assessment Criteria as included in the Appendix.

The ARC will accept the DVCR's certification as final and will not review or make requests for changes to a NIT. The ARC will include the NIT with the other elements of an application recommended for funding for final consideration by the Minister. Additional information regarding the National Interest Test is available on the ARC Website.

Research Opportunity and Performance Evidence (ROPE)

The ROPE assessment criterion requires all Assessors to identify and consider research excellence relative to a researcher's career and opportunities for research. It aims to ensure that NCGP assessment processes accurately evaluate a researcher's career history relative to their current career stage and consider whether their productivity and contribution is commensurate with the opportunities that have been available to them.

The required elements of ROPE vary according to the objectives of each grant opportunity. All General Assessors should be familiar with the full ROPE statement located on the ARC website.

Interdisciplinary research

The ARC recognises the value of interdisciplinary research and the ARC's commitment to supporting interdisciplinary research is outlined in the <u>ARC Statement of Support for Interdisciplinary Research</u>.

Interdisciplinary research can be a distinct mode of research, or a combination of researchers, knowledge and/or approaches from disparate disciplines. Under the NCGP, examples of interdisciplinary research may include researchers from different disciplines working together in a team; researchers collaborating to bring different perspectives to solve a problem; researchers utilising methods normally associated with one or more disciplines to solve problems in another discipline; and one or more researchers translating innovative blue sky or applied research outcomes from one discipline into an entirely different research discipline.

Assessors are required to assess all research on a fair and equal basis, including applications and outputs involving interdisciplinary and collaborative research. To assist with this, the ARC facilitates consideration of

applications by relevant General Assessors with interdisciplinary expertise or where not feasible, applications are allocated to General Assessors who have broad disciplinary expertise regardless of discipline grouping. Interdisciplinary applications should be allocated to Detailed Assessors with specific interdisciplinary expertise or to Detailed Assessors from the different disciplines covered in the application.

Preprints or comparable resources

General Assessors should consider the merit of publications including preprints and comparable resources that are listed in the application. Assessors may access hyperlinks and evaluate if a citation included in the application is a crucial part of the research discourse, and evaluate the suitability, quality and relevance of the research output to help them determine the quality and novelty of the proposed research. However, Assessors should not use online search engines to identify or evaluate applicants' publications that are not included within the application.

Preprints or comparable resources can be included in any part of an application. This includes within the Research Outputs list and the body of an application. An application will not be deemed to be ineligible for the citing and listing of preprints or comparable resources.

A preprint or comparable resource is a scholarly output that is uploaded by the authors to a recognised publicly accessible archive, repository, or preprint service (such as, but not limited to, arXiv, bioRxiv, medRxiv, ChemRxiv, Peer J Preprints, Zenodo, GitHub, PsyArXiv and publicly available university of government repositories etc.). This will include a range of materials that have been subjected to varying degrees of peer review from none to light and full review. Ideally, a preprint or comparable resource should have a unique identifier or a DOI (digital object identifier). Any citation of a preprint or comparable resource should be explicitly identified as such and listed in the references with a DOI, URL or equivalent, version number and/or date of access, as applicable.

Inclusion of preprints or comparable resources within the body of the application should comply with standard disciplinary practices for the relevant field.

3. General Assessors: Selection Advisory Committee (SAC) meeting preparation

3.1 Roles and responsibilities before the SAC meeting

After the assessment period has closed General Assessors will:

- 1. be unable to access applications for a short period whilst ARC staff undertake administrative functions to prepare for the SAC meeting.
- 2. be advised by the ARC when the RMS Meeting Application (App) opens.
- 3. have access to all applications allocated to their panel in the RMS Meeting App where they do not have a COI. Note: Due to the cross-disciplinary nature of some applications, General Assessors allocated to a different panel than an application they assessed will not have access to its RMS Meeting Application. As such unless a SAC member specifically requests for a cross-panel application to be discussed at the SAC meeting, this application will not be automatically tagged for discussion.
- 4. be required to attend a pre-meeting videoconference to be updated on the SAC meeting processes.

Carriage 1: Reviewing applications in the RMS Meeting Application

The RMS meeting application will contain a ranked list of applications. Prior to the SAC meeting, Carriage 1 should review the Detailed and General Assessors' assessments and scores, and the applicant's rejoinder, and consider whether they believe there are any applications that have received an inappropriate ranking.

Particular attention should be given to applications where a ROPE case (see <u>Section 2.3</u>) has been made that has been neglected by Detailed Assessors, where an application has received less than the desired number of detailed assessments, or where an anomalous Detailed assessment may materially affect the ranking of the application. Carriage 1 should identify such applications by emailing <u>ARC-College@arc.gov.au</u> and prepare a recommendation for consideration by the SAC.

ARC staff will also identify applications with 'disparate' scores and will flag these for the attention of SAC members, noting that these applications are not automatically discussed at the selection meeting. SAC members can request these (or any other) applications to be tagged for discussion at the meeting. Carriage 1 will be expected to lead discussion on these applications.

It is recommended that SAC members read the summary of all highly-ranked applications and those tagged in RMS as 'To Discuss by SAC' (accessible through the RMS Meeting App) as they are expected to contribute to discussions for all applications during the meeting.

Carriage 1: Preparing a draft budget recommendation

For highly-ranked applications or applications tagged for discussion in RMS as 'To Discuss by SAC', it is Carriage 1's responsibility to recommend a draft one-line budget amount for each funding year of the application to the SAC (Please note: Discovery Fellowships schemes require budgets to separate salary and project funds). The draft budget recommendation is entered directly into RMS (details are in the section below) prior to the SAC meeting.

The draft budget recommended for each year must not exceed the amount requested in the application. Budget recommendations are discussed by the SAC members and the recommended budget is forwarded to the ARC CEO as part of the SAC's funding recommendations.

Carriage 1 may need to discuss or justify their budget recommendation at the SAC meeting and should therefore bring their own notes to the meeting on how they arrived at their final recommended funding amount.

To prepare a one-line budget for each year of funding, Carriage 1 should consider the following:

- 1. The extent to which specific budget items are well-justified
- 2. Whether the budget items are supported or not supported as outlined in the Grant Guidelines for the relevant grant opportunity
- 3. The minimum/maximum funding amounts relevant to the specific grant opportunity's Grant Guidelines
- 4. The costs of any recommended remunerated participants
- 5. Whether they are satisfied that the project can still be completed with the recommended budget
- 6. Whether the budget for the application has been considered on merit and at this stage not compared to other applications

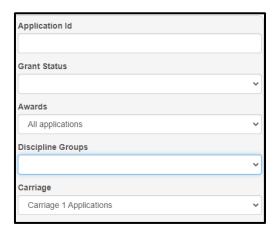
Carriage 1: Entering draft budgets in RMS Meeting Application before the Selection Meeting

Following the ARC email confirming that RMS Meeting Application is opened, Carriage 1 can enter the draft budgets directly in RMS.

- 1. Prepare draft budgets for your Carriage 1 applications that are highly-ranked or tagged as 'To Discuss by SAC'.
- 2. Prepare a draft budget figure (\$) for each year of funding of your Carriage 1 applications.
- 3. In RMS, open specific scheme Meeting Application, e.g., DE22.



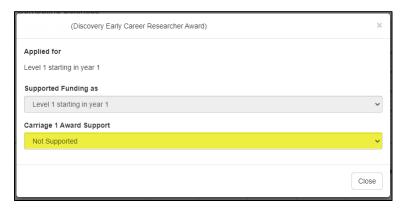
4. Under 'Carriage' select and filter the Carriage 1 applications and select 'Apply'.



- 5. Click on the application to enter the draft budget:
 - a) Before you populate budget click on the hyperlink for the Fellowship under 'Personnel'.



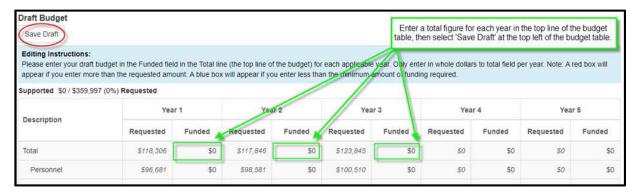
 The pop-up window will appear. You must only alter the status on 'Carriage 1 Award Support' to 'Supported/Not supported' the salary for funding. You cannot change the 'Supported Funding as' level.



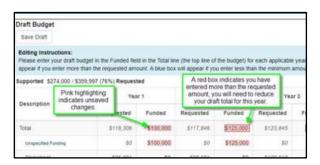
• If you selected 'Supported' the Fellowship/Award salary (\$) will be automatically populated into the budget table.



b) Enter the draft budget total for each year, then select 'Save Draft'.



Note:



3.2 Roles and responsibilities at the SAC meeting and information on the Selection Meeting

Each SAC meeting will comprise a Chair, Deputy Chair, SAC members (Carriage 1, Other Carriages and panel members) and ARC Staff. SAC meetings may also be divided into discipline panels, depending on the grant opportunity.

The role of the Chair is to:

- 1. lead the committee through the process to make a recommendation on the applications
- 2. call the panel to a vote for highly-ranked applications or where there is dissent and
- 3. ensure the meeting runs in a timely manner

For applications where the Chair is conflicted out of the room or is Carriage on an application, the Deputy Chair will act in the role. Where multiple conflicts arise, other SAC members may be called on to be acting Chair.

When you are Carriage 1 on an application, your role is to:

- lead discussion for that application giving a brief summary of the strengths and weaknesses, and then making a recommendation to support, not support or vote
- 2. vote on applications when called by the Chair
- 3. recommend a one-line budget for applications that are recommended for funding (the draft budget should already be entered in RMS).

All other Carriages and panel members will:

- 1. contribute to discussions of whether an application should be supported, not supported or voted on
- vote on applications when called to do so by the Chair

ARC staff are responsible for:

- 1. providing secretariat support for meetings
- 2. providing procedural advice to the SAC
- ensuring that correct administrative procedures are followed
- 4. ensuring COIs and any potential inappropriate discussions are managed correctly

Note: At the SAC meeting, applications assigned to Carriages sitting on different discipline panels are only discussed in the application's home discipline panel, Carriage(s) in other panels should ensure Carriage 1 is aware of and able to represent their position on the application. Please contact the ARC if you have any questions about this.

4. Ensuring integrity of process

4.1 Confidentiality and Conflict of Interest (COI)

The <u>ARC Conflict of Interest and Confidentiality Policy</u> is designed to ensure that all COIs are managed in a rigorous and transparent way. It aims to prevent individuals from influencing decisions unfairly and to maintain public confidence in the integrity, legitimacy, impartiality and fairness of the peer review process.

Any individual who is reviewing material for the ARC must agree to comply with the confidentiality and COI statement and must clearly disclose any material personal interests that may affect, or might be perceived to affect, their ability to perform their role.

All Assessors must maintain an up-to-date RMS profile, including personal details, current employment details and previous employment history within the past 2 years. This information will assist the ARC with the identification and management of organisational conflicts of interest.

Assessors reviewing ARC grant application who have identified a conflict of interest must reject the grant application assigned in RMS to assist the ARC in the management of conflicts of interest.

Examples of material personal interests that are considered by the ARC to be COIs include holding funding with a named participant within the past 2 years or having been a collaborator or co-author with a named participant on a research output within the last 4 years. For more information on disclosure of COIs, including material personal interest declarations, please refer to the <u>Identifying and Handling a Conflict of Interest in NCGP processes</u> document.

Note: In RMS, Assessors will be asked to indicate their willingness to comply with this policy before proceeding to assess. They can do this by selecting the 'Accept' button.

Extract from the ARC <u>Policy on Use of Generative Artificial Intelligence in the ARC's grants programs</u> (July 2023):

The <u>ARC Conflict of Interest and Confidentiality Policy (2020)</u> requires that all officials and individuals carrying out ARC business, including assessors and peer reviewers, are required to preserve the principles of confidentiality outlined in the policy. Release of material into generative AI tools constitutes a breach of confidentiality and peer reviewers, including all Detailed and General Assessors, must not use generative AI as part of their assessment activities.

Assessors are asked to provide detailed high quality, constructive assessments that assist the Selection Advisory Committees to assess the merits of an application. The use of generative AI may compromise the integrity of the ARC's peer review process by, for example, producing text that contains inappropriate content, such as generic comments and restatements of the application.

4.2 Research integrity and research misconduct

If in the course of undertaking an assessment you identify or suspect a potential research integrity breach or research misconduct, please notify the ARC Research Integrity Office (researchintegrity@arc.gov.au) in accordance with Section 5 of the ARC Research Integrity Policy. Please do not mention your concerns in any assessment comments.

The ARC Research Integrity Office will consider whether to refer your concerns to the relevant institution for investigation in accordance with the requirements of the <u>Australian Code for the Responsible Conduct of Research (2018)</u>. You should provide sufficient information to allow the ARC to assess whether there is a basis for referring the matter to the institution and to enable the relevant institution to progress an investigation into the allegation (if required).

Foreign financial support, foreign affiliations and foreign honorary positions. Participants applying for ARC grants are required to answer questions in their application relating to foreign financial support and foreign affiliations, including current and previous associations. Participants are required to declare:

- foreign financial support (cash or in kind) for research related activities
- current or past associations or affiliations with a foreign sponsored talent program (for the last 10 years)

• current associations or affiliations with a foreign government, foreign political party, foreign state-owned enterprise, foreign military and/or foreign police organisations

If in the course of undertaking an assessment you identify or suspect a potential issue of foreign interference, please send an email highlighting your concerns to the ARC via ARC-College@arc.gov.au as soon as possible.

Note: In RMS, Assessors will be asked to indicate their willingness to comply with this policy before proceeding to assess. They can do this by selecting the 'Accept' button.

4.3 Applications outside the General Assessor's area of expertise

The ARC receives applications from many scholarly fields. Occasionally you will be asked to assess an application that does not appear to correspond closely with your area of expertise. As a General Assessor, your views are valuable as they are being sought on the entire application, drawing on your expert knowledge as a researcher. If you are concerned about a particular application's research area and your ability to provide a robust assessment, please contact the ARC via ARC-College@arc.gov.au before rejecting the assignment.

4.4 Eligibility

If, while assessing an application, you have concerns about eligibility, ethics or other issues associated with an application, you must not include this information in your assessment. Please send an email highlighting your concerns to the relevant scheme team via ARC-College@arc.gov.au as soon as possible. The ARC is responsible for investigating and making decisions on these matters, and Assessors should not conduct investigations at any point. Please complete your assessment based on the merits of the application without giving consideration to the potential eligibility issue.

RMS has functionality to populate research outputs into applications from within a researcher's RMS profile. Researchers will have the flexibility to choose and add which outputs to include in the application. The ARC is aware of some research output display errors that are system issues and cannot be corrected by RMS users. Any applications that are affected will not be deemed to breach eligibility requirements and Assessors should disregard research output display errors in their assessment of applications. Examples of possible research output display errors include symbols, foreign language characters and subscript/superscript that does not render correctly.

4.5 Unconscious bias

General Assessors should also be aware of how their unconscious bias could affect the peer review process.

Unconscious biases are pervasive and may relate to perceptions about a range of attributes including:

- 1. gender and/or sexuality
- 2. social/cultural background
- 3. career path
- 4. institutional employer
- 5. discipline

The ARC encourages Assessors to recognise their own biases and be aware of them in their assessments. A selection of short, online tests for identifying unconscious biases is available via Harvard University's 'Implicit Social Attitudes' demonstration sites.

5. Contact details for queries during the assessment process

For **all** assignment and assessment, as well as accessibility enquiries, please email <u>ARC-College@arc.gov.au</u>

For all questions relating to the SAC and SAC meetings, contact ARC-College@arc.gov.au.

Appendix: Discovery Program Scoring Matrix and assessment criteria considerations

Please note: Assessors assign a score and do not have to consider the weighting of a criterion as this is applied automatically within RMS. The tables below provide ready access to assessment criteria set out in the *Discovery Program Grant Guidelines - Fellowships (2023 edition)* (available on GrantConnect) and the Scoring Matrixes outlined in this handbook. Assessors should use their judgement and experience to assess the appropriate score within the context of the relevant discipline.

Australian Laureate Fellowships (FL24)

Key Dates and Notes

General Assessors

Task	FL24 Dates	Detail
Assessment	20 October 2023 – 29 January	Carriages 1, 2, 3 and 4
Period	2024	Assess applications independently to determine
		preliminary and provisional scores and ranking.
Rejoinder	8 January 2024 – 19 January	Applicants to read comments from Detailed
	2024	Assessors and submit a rejoinder.
Review and	20 January 2024 – 29 January	Carriages 1, 2, 3 and 4
finalise	2024	Review Detailed assessments and rejoinders.
assessments		Revise and finalise scores and ranks in RMS.
SAC Selection	7 March 2024 – 8 March 2024	SAC members discuss shortlist and recommend
Meeting		applications

Grant Guidelines

The objectives and assessment criteria below are from the *Discovery Program Grant Guidelines - Fellowships (2023 edition)* which are available on <u>GrantConnect.</u>

Overview

The Australian Laureate Fellowships scheme reflects the Australian Government's commitment to excellence in research by supporting world-class researchers to conduct research in Australia. The scheme encourages applications from the highest-quality researchers by providing eligible Australian Laureate Fellows with project funding in addition to salary and salary related (on-cost) support.

The ARC may name two successful Australian Laureate Fellows as the Kathleen Fitzpatrick Australian Laureate Fellow and the Georgina Sweet Australian Laureate Fellow. The Kathleen Fitzpatrick Australian Laureate Fellowship may be available to a highly ranked female candidate from the humanities, arts and social science disciplines. The Georgina Sweet Australian Laureate Fellowship may be available to a highly ranked female candidate from the science and technology disciplines. Recipients will be provided with additional funding to undertake an ambassadorial role to promote women in research.

Objectives

The Australian Laureate Fellowships objectives are to:

- a) attract and retain outstanding researchers and research leaders of international reputation, with exceptional ability to lead, collaborate, mentor and supervise, and enhance their capacity to create an enduring legacy;
- b) build focus and scale in research by forging new links among researchers, the international research community and/or industry and other research end-users;
- c) support a program of innovative and ground-breaking research that addresses a significant problem or gap in knowledge;

- d) create a cohesive research program and implementation plan that represents value for money;
- e) provide an excellent research training environment and exemplary opportunity to nurture early or mid-career researchers;
- f) produce new or advanced knowledge resulting from the outcomes of the research with economic, commercial, environmental, social and/or cultural benefits for Australia, and to enhance research in Australian Government priority areas.

Assessment criteria and Scoring Matrix – Australian Laureate Fellowships

Assessment	(A)	(B)	(C)	(D)	(E)
criterion	Exceptional	Outstanding	Excellent	Very Good	Good
	Of the highest	Of high quality	Interesting,	Sound, but	Has
	quality and at	and strongly	sound and	lacks a	significant
	the forefront of	competitive.	compelling.	compelling	weaknesses.
	research in the	Approximately	Approximately	element.	Approximately
	field.	15% of	20% of	Approximately	20% of
	Approximately	Applications	Applications	35% of	Applications
	10% of	should receive	should receive	Applications are	are likely to
	Applications	scores in this	scores in this	likely to fall into	fall into this
	should receive	band.	band.	this band.	band.
	scores in this				
	band.				

Assessment criteria and weightings	Assessment criteria details
Investigator/ Capability	Describe the Research Opportunity and Performance Evidence (ROPE) including:
40%	 outstanding research outputs and achievements taking into account research opportunity
	 evidence for and/or potential to undertake ground-breaking research
	 leadership ability and plans to build world class research capacity and diverse teams and
	 potential to create an enduring legacy.
	Extent to which the candidate will build collaborations across research organisations and/or industry and/or with other disciplines both within Australian and internationally.

Project Describe the: quality and innovation: contribution to an important gap in knowledge or significant problem 25% innovation of the research program in the context of recent international advances in research in this area clarity of the major research questions cohesiveness of the project design and implementation plan (including the appropriateness of the aim, conceptual framework, method, data and/or analyses) extent to which the research has the potential to enhance international collaboration and extent to which the research will be cost-effective and represents value for money. If the project involves research pertaining to Aboriginal and/or Torres Strait Islander communities describe: the strategies for enabling collaboration with Australian Aboriginal and/or Torres Strait Islander communities (for example, dialogue/collaboration with an Indigenous cultural mentor) any existing or developing, supportive and high-quality relationships with Aboriginal and/or Torres Strait Islander communities and any personal affiliations with local Aboriginal and/or Torres Strait Islander communities that can facilitate the proposed research. Benefit Describe the potential benefits including the: 10% new or advanced knowledge resulting from outcomes of the research economic, commercial, environmental, social and/or cultural benefits for Australia and international communities and potential contribution to capacity in the Australian Government priority areas. Mentoring Describe: and capacity building: Mentoring, including the extent to which the candidate demonstrates: 25% o exceptional ability to supervise and mentor postdoctoral researchers and other early-mid career researchers and they will be providing a suitable environment for postgraduate students and postdoctoral researchers. Capacity building, including: o the extent to which the project will build new teams and create world-class research capacity, collaboration and innovation the extent to which the candidate demonstrates exceptional leadership and the organisational ability to ensure the development of scale and focus in research evidence of the project's and researchers' potential to attract financial resources to enhance research capacity and

the extent to which this research builds new international research

collaboration or links between research and industry.

Future Fellowships (FT24)

Key Dates and Notes

General Assessors

Task	FT24 Dates	Detail
Detailed	12 December 2023 – 12 January	Assign 4 Detailed Assessors and 6 Reserves
Assessors	2024	
Assignment		
Period		
Assessment	12 December 2023 – 5 April 2024	Carriages 1, 2 and 3
Period		Assess applications independently to determine
		preliminary and provisional scores and ranking.
Rejoinder	14 March 2024 – 27 March 2024	Applicants to read comments from Detailed
		Assessors and submit a rejoinder.
Review and	28 March 2024 – 5 April 2024	Carriages 1, 2 and 3
finalise		Review Detailed assessments and rejoinders.
assessments		Revise and finalise scores and ranks in RMS.
SAC Selection	7 May 2024 – 8 May 2024	SAC members discuss shortlist and recommend
Meeting		applications

Grant Guidelines

The objectives and assessment criteria below are from the *Discovery Program Grant Guidelines - Fellowships (2023 edition)* which are available on <u>GrantConnect.</u>

Overview

The Future Fellowship scheme reflects the Australian Government's commitment to excellence in research by supporting excellent mid-career researchers to undertake high quality research in areas of national and international benefit.

Objectives

The objectives of the **Future Fellowships** grant opportunity are to:

- a. support outstanding mid-career researchers, with demonstrated capacity for high-quality research, leadership, research training and mentoring;
- b. support excellent basic and applied research by outstanding mid-career researchers to be recruited and retained by universities in continuing academic positions;
- c. foster national and international research collaboration;
- d. support excellent and innovative research that addresses a significant problem or gap in knowledge and represents value for money;
- e. create new or advanced knowledge resulting from the outcomes of the research with economic, commercial, environmental, social and/or cultural benefits for Australia, and enhances the scale and focus of research in Australian Government priority areas.

Assessment criteria and Scoring Matrix – Future Fellowships

Assessment	(A)	(B)	(C)	(D)	(E)
criterion	Outstanding	Excellent	Very Good	Good	Uncompetitive
	Of the highest	Of high quality	Interesting,	Sound, but lacks	Has significant
	quality and at	and strongly	sound and	a compelling	weaknesses.
	the forefront of	competitive.	compelling.	element.	Approximately
	research in the	Approximately	Approximately	Approximately	20% of
	field.	15% of	20% of	35% of	Applications
	Approximately	Applications	Applications	Applications are	are likely to fall
	10% of	should receive	should receive	likely to fall into	into this band.
	Applications	scores in this	scores in this	this band.	
	should receive	band.	band.		
	scores in this				
	band.				

Assessment criteria and	Assessment criteria details			
weightings				
Investigator/ Capability	Describe the quality of the candidate as per the relevant section below.			
50%	Future Fellowship Level 1			
	 Research Opportunity and Performance Evidence (ROPE) including record of high- quality research outputs appropriate to the discipline/s 			
	 evidence of demonstrated capability for research training, supervision and mentoring 			
	 evidence of leadership capability and national research standing and 			
	 capability of the candidate to build collaborations across research organisations, industry and other disciplines both within Australia and internationally. 			
	Future Fellowship Level 2			
	 Research Opportunity and Performance Evidence (ROPE) including record of high- quality research outputs appropriate to the discipline/s 			
	 evidence of established capability and emerging leadership in research training, supervision and mentoring 			
	 evidence of leadership capabilities and national and emerging international research standing and 			
	 capability of the candidate to build collaborations across research organisations, industry and other disciplines both within Australia and internationally. 			
	Future Fellowship Level 3			
	 Research Opportunity and Performance Evidence (ROPE) including record of outstanding research outputs appropriate to the discipline/s 			
	 evidence of experience in initiating and managing large research projects 			
	evidence of international research standing			
	 evidence of excellence, experience and achievements in research training, supervision and mentoring and 			
	 capability of the candidate to build collaborations across research organisations, industry and other disciplines both within Australia and internationally. 			
Project quality and innovation	Describe the:			

Assessment criteria and	Assessment criteria details		
weightings			
25%	 contribution to an important gap in knowledge or significant problem 		
	 innovation of the research in the context of recent international advances in research in this area 		
	 clarity of the major research questions 		
	 cohesiveness of the project design and implementation plan (including the appropriateness of the aim, conceptual framework, method, data and/or analyses) and 		
	 extent to which the research has the potential to enhance international collaboration. 		
	If the project involves research pertaining to Aboriginal and/or Torres Strait Islander communities describe:		
	 the strategies for enabling collaboration with Aboriginal and/or Torres Strait Islander communities (for example, dialogue/collaboration with an Indigenous cultural mentor); 		
	 any existing or developing, supportive and high-quality relationships with Aboriginal and/or Torres Strait Islander communities; and 		
	 any personal affiliations with local Aboriginal and/or Torres Strait Islander communities that can facilitate the proposed research. 		
Benefit 15%	Describe the potential benefits including the:		
	 new or advanced knowledge resulting from outcomes of the research 		
	 economic, commercial, environmental, social and/or cultural benefits for Australia and international communities and 		
	 potential contribution to capacity in the Australian Government priority areas. 		
Feasibility and strategic	Describe the:		
alignment	 cost effectiveness of the research and its value for money 		
10%	 extent to which the Future Fellowship candidate aligns with and/or complements the core or developing research strengths and staffing profile of Your organisation 		
	 availability of the necessary facilities to conduct the research 		
	 resources You will provide to support the Future Fellowship candidate during her/his Future Fellowship and 		
	 capacity within Your organisation to transition the candidate at the end of the Future Fellowship to a continuing position. 		

Discovery Early Career Researcher Award (DE25)

General Assessors

Task	DE25 Dates	Detail
Detailed	11 January 2024 – 30 January	Assign 4 Detailed Assessors and 6 Reserves
Assessors	2024	
Assignment		
Period		
Assessment	11 January 2024 – 1 May 2024	Carriages 1 and 2
Period		Assess applications independently to determine
		preliminary and provisional scores and ranking.
Rejoinder	28 March 2024 – 15 April 2024	Applicants to read comments from Detailed
		Assessors and submit a rejoinder.
Review and	16 April 2024 – 1 May 2024	Carriages 1 and 2
finalise		Review Detailed assessments and rejoinders.
assessments		Revise and finalise scores and ranks in RMS.
SAC Selection	12 June 2024 – 14 June 2024	SAC members discuss shortlist and recommend
Meeting		applications

Grant Guidelines

The objectives and assessment criteria below are from the *Discovery Program Grant Guidelines - Fellowships (2023 edition)* which are available on <u>GrantConnect.</u>

Overview

The DECRA grant opportunity provides focused research support for early career researchers in both teaching and research, and research-only positions.

Objectives

The objectives of the **Discovery Early Career Researcher Award** (DECRA) grant opportunity are to:

- a. support outstanding early-career researchers with demonstrated capacity for high-quality research and emerging capability for leadership and supervision;
- b. foster collaboration, with national or international researchers;
- c. support excellent and innovative research that addresses a significant problem or gap in knowledge and represents value for money;
- d. create new or advanced knowledge resulting from the outcomes of the research with economic, commercial, environmental, social and/or cultural benefits for Australia; and
- e. advance promising early career researchers and promote enhanced opportunities for diverse career pathways in high-quality and supportive environments.

Assessment criteria and Scoring Matrix - DECRA

Assessment	(A)	(B)	(C)	(D)	(E)
criterion	Outstanding	Excellent	Very Good	Good	Uncompetitive
	Of the highest	Of high quality and	Interesting,	Sound, but	Has significant
	quality and at	strongly competitive.	sound and	lacks a	weaknesses.
	the forefront	Approximately 15% of	compelling.	compelling	Approximately
	of research in	applications should	Approximately	element.	20% of
	the field.	receive scores in this	20% of	Approximately	applications
	Approximately	band.	applications	35% of	are likely to fall
	10% of		should	applications	into this band.
	applications		receive	are likely to	
	should		scores in this	fall into this	
	receive		band.	band.	
	scores in this				
	band.				

Assessment criteria and weightings	Assessment criteria details
Investigator/Capability 35%	Describe the:
	 Research Opportunity and Performance Evidence (ROPE) including record of high quality research outputs appropriate to the discipline/s.
	 capability of candidate to build collaborations both within Australia and internationally.
Project Quality and Innovation 35%	Describe the:
	 contribution to an important gap in knowledge or significant problem;
	 innovation of the research in the context of recent international advances in research in this area;
	 clarity of the major research questions;
	 cohesiveness of the project design and implementation plan (including the appropriateness of the aim, conceptual framework, method, data and/or analyses); and
	 extent to which the research has the potential to enhance international collaboration.
	If the project involves research pertaining to Aboriginal and/or Torres Strait Islander communities describe:
	 the strategies for enabling collaboration with Aboriginal and/or Torres Strait Islander communities (for example, dialogue/collaboration with an Indigenous cultural mentor);
	 any existing or developing, supportive and high-quality relationships with Aboriginal and/or Torres Strait Islander communities; and
	 any personal affiliations with local Aboriginal and/or Torres Strait Islander communities that can facilitate the proposed research.
Benefit 15%	Describe the potential benefits including the:

Assessment criteria and weightings	Assessment criteria details
	 new or advanced knowledge resulting from outcomes of the research;
	 economic, commercial, environmental, social and/or cultural benefits for Australia and international communities; and
	 potential contribution to capacity in the Australian Government priority areas.
Feasibility 15%	Describe the:
	 cost-effectiveness of the research and its value for money;
	 feasibility of the research (including contribution of the project's design, participants and resources to the timely completion of the project);
	 supportive environment for the DECRA candidate and their project including resources and development opportunities the organisation will provide for the candidate; and
	 availability of the necessary facilities to complete the project.