

## Call for Independent Post-Doctoral Fellowships

*The MacDiarmid Institute for Advanced Materials and Nanotechnology*

Deadline: Tuesday 8<sup>th</sup> November 2022

The MacDiarmid Institute invites applications for new Independent Post-Doctoral Fellowships. Several positions are expected to be awarded in this round of funding.

Candidates must be supported by a MacDiarmid Institute host investigator who works at one of the MacDiarmid Institute partner organisations. The host investigator must be a current [MacDiarmid Institute Principal Investigator \(PI\)](#) or [Associate Investigator \(AI\)](#).

Funding will be awarded for a fixed term, full-time (37½ hour week) position with the employment contract held with one of the MacDiarmid Institute partner organisations. Successful candidates will be placed on the postdoctoral fellow salary scale of the partner organisation, and also receive a \$10,000 (NZD) grant, per annum, towards research expenses and travel.

Funding is available for a maximum contract length of 24 months. Successful candidates will be expected to start by no later than 30<sup>th</sup> June 2023.

### Application Requirements

1. A completed application form, to be submitted online at the following link: [https://vuw.qualtrics.com/jfe/form/SV\\_b174xs6hfjGVhSm](https://vuw.qualtrics.com/jfe/form/SV_b174xs6hfjGVhSm). As part of the application form, you will also need to provide:
  - a. A (maximum) three-page research proposal. An additional two pages are allowed for references. This should include a statement of the research question(s), methods, expected and potential outcomes, and a justification for why the candidate and the investigators involved are the right people to conduct the research.
  - b. A (maximum) one-page summary of the benefits to the applicant and to the MacDiarmid Institute. This should include a statement about impact on the applicant's career, investigator involvement, alignment with the MacDiarmid Institute's research programmes, and broader strategic work. It is also an opportunity for you to give extra information or examples to show how you might be able to support the MacDiarmid Institute's strategic objectives beyond science, such as outreach, industry engagement and commercialisation activities.
  - c. Applicant's CV and publication list in [standard NZ RS&T template \(MBIE version\)](#).
  - d. The intended MacDiarmid Institute host investigator's CV in standard NZ RS&T template (MBIE version).
  - e. A letter of support from the intended MacDiarmid Institute host investigator, explicitly indicating that the MacDiarmid partner organisation will support the appointment of the applicant, if successful. It is the *host investigator's* responsibility to get appropriate assurance from the partner organisation.
2. Two letters of reference, to be sent by the referees directly to the MacDiarmid Institute Manager, Rosie Wayte ([rosie.wayte@vuw.ac.nz](mailto:rosie.wayte@vuw.ac.nz)).
  - Please note that your referees **cannot** be your intended host investigator.

## Selection criteria

A successful applicant for a Post-doctoral Fellowship will have:

- A PhD in a relevant subject area.
- A proven research track record.
- Demonstrated experience in writing scientific articles.
- A proven track record of working collaboratively.

A successful research project must have:

- Research that aligns with at least one of the MacDiarmid Institute research programmes (Catalytic Architectures, Future Computing, Mātauranga Māori and Reconfigurable Systems). The 2021-2024 research plan can be provided on request.

In addition, the selection panel will consider whether the applicant exhibits:

- Ability to work in an organised and structured manner without supervision.
- Willingness to participate in the MacDiarmid Institute's outreach activities.
- Willingness to participate in the MacDiarmid Institute's industry engagement and commercialisation activities.
- Drive, enthusiasm, integrity, and openness.

Successful holders of the post-doctoral fellowship will be expected to support and implement the vision and mission of the MacDiarmid Institute.

## Eligibility

Applicant must be or able to be New Zealand-based, work at one of the MacDiarmid Institute's partner organisations, and be eligible to work legally in New Zealand. They do not have to be working at a New Zealand research institute at the of application.

## Process

Please submit the following documents [online as part of the application form](#), by **no later than 9am on Tuesday 8<sup>th</sup> November 2022**:

1. Research proposal
2. Summary statement
3. CV and publications list in the [NZ RS&T template \(MBIE version\)](#)
4. Host investigator's CV in the NZ RS&T template (MBIE version)
5. Host investigator's letter of support

In addition, you will need to get your two referees to send to the MacDiarmid Institute Manager, Rosie Wayte ([rosie.wayte@vuw.ac.nz](mailto:rosie.wayte@vuw.ac.nz)), independently:

6. Letters of reference

All shortlisted applicants will be called to interview. It is expected that the interviews will take place late November 2022.

## Page limits

All page limits are based on single spaced, Times New Roman or Arial, 12-point font with left and right margins of at least 2cm.

Please use the standard [NZ RS&T CV template \(MBIE version\)](#) for preparing your CV. This

template is the one you should use whenever you are required to submit a CV as part of a research proposal to the Ministry of Business, Innovation and Employment (MBIE). It allows you to maintain your own master CV, from which you can draw on when submitting a research proposal. You also need to submit your intended host investigator's CV. If they have ever submitted a New Zealand research grant application, then they should already have a CV in this format.

## File formats

Files should be in either Microsoft Word or PDF format.

## File naming conventions

Due to the number of applications that we expect to receive, we need to be able to clearly identify your documents in our filing system. To make sure that your documents are kept together please adhere to the naming conventions below.

File names must begin with your SURNAME, followed by an underscore, followed by your initials, followed by another underscore and then one of the following:

- ResearchProposal
- SummaryOfBenefits
- ApplicantsCVandPubs
- HostInvestigatorsCV
- LetterOfSupport

For example, Joseph M. Smith would submit five documents called:

- SMITH\_JM\_ ResearchProposal
- SMITH\_JM\_ SummaryOfBenefits
- SMITH\_JM\_ ApplicantsCVandPubs
- SMITH\_JM\_ HostInvestigatorsCV
- SMITH\_JM\_ LetterOfSupport

## Contact

If you have any questions about the application process please contact the MacDiarmid Institute Manager, Rosie Wayte ([rosie.wayte@vuw.ac.nz](mailto:rosie.wayte@vuw.ac.nz)).