



2021 Handbook

Higher Degree by Research Candidates



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Graduate School

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Event Overview

About 3MT

The Three Minute Thesis (3MT) competition celebrates the exciting research conducted by Doctor of Philosophy (PhD) students. Developed by The University of Queensland (UQ), the exercise cultivates students' academic, presentation, and research communication skills.

The competition supports their capacity to effectively explain their research in three minutes, in a language appropriate to a non-specialist audience.

History

The idea for 3MT came about at a time when the state of Queensland was suffering severe drought. To conserve water, residents were encouraged to time their showers, and many people had a three minute egg timer fixed to the wall in their bathroom. The then Dean of the Graduate School, Emeritus Professor Alan Lawson, put two and two together and the idea for the 3MT competition was born.

Timeline

2008: The first 3MT competition was held at UQ with 160 Higher Degree by Research (HDR) candidates competing.

2009: The 3MT competition was promoted to other Australian and New Zealand universities and enthusiasm for the concept grew.

2010: A multi-national event was developed, and the Inaugural Trans-Tasman 3MT competition was held at UQ.

2013: The first Universitas21 (U21) Virtual 3MT competition was held with several universities from around the world competing.

2016: The Trans-Tasman 3MT competition expanded to include universities from South-East and North Asia regions and was renamed the Asia-Pacific 3MT competition and is hosted annually by UQ.

2020: 3MT moves to a temporary virtual format due to COVID-19.

Now: 3MT is held in over 900 universities across more than 80 countries worldwide.

Why Participate?

During your HDR program there is a strong focus on the production of your thesis. The ability to communicate the importance of your research project and articulate your findings is very valuable. 3MT provides you with the opportunity to:

- Communicate your ideas effectively to the wider community;
- Describe your research findings to a non-specialist audience;
- Crystallise your thoughts about your thesis;
- Increase your profile within the UQ research community, staff and wider community; and
- Network with other HDR students.

To compete in the 2021 UQ 3MT Competition, please complete the registration form in Student Hub (see Competitor Registration). Your School/Institute 3MT Event Coordinator will then contact you to confirm your participation and provide additional details about your School's 3MT heat (Live or Virtual).

It is strongly encouraged that candidates participate in the 3MT heats in-person, however we understand that this may not be possible for some. It is therefore up to the discretion of each School/Institute 3MT Event Coordinator as to whether virtual participation can be accommodated. All competitors must attend Faculty Finals, Wildcard, the UQ Final in-person.

Competitor Registration

To compete in the 2021 UQ 3MT Competition, please complete the [Three Minute Thesis Competitor Registration 2021](#) form in Student Hub. Your School/Institute 3MT Event Coordinator will then contact you to confirm your participation and provide additional details about your School/Institute's 3MT heat.

Key Dates - 2021

Please ensure that you review the below important key dates:

Date	Item
22 April	3MT Info Session for HDR Candidates [Webinar] 9:30am - 10:30am
20 May	Presenting for 3MT [Webinar] 10:00am - 11:00am
6 August	All School/Institute/Faculty 3MT competitions to be completed
25 August	UQ 3MT Wildcard Competition
15 September	UQ 3MT Final
20 October	Virtual Asia-Pacific 3MT Competition

Event Overview

Prizes

Prizes are an important incentive for HDR candidates entering the competition.

Prizes can vary at the discretion of your School or Faculty.

School/Institute Heats

- School/Institutes are welcome to provide prizes to participants

Faculty/Combined Institute Final

- School/Institutes are welcome to provide prizes to participants
- Winner progresses to UQ Final
- People's Choice progresses to Wildcard Final

Wildcard Competition

- No prize is provided for this event
- Winner advances to UQ 3MT Final

UQ 3MT Final

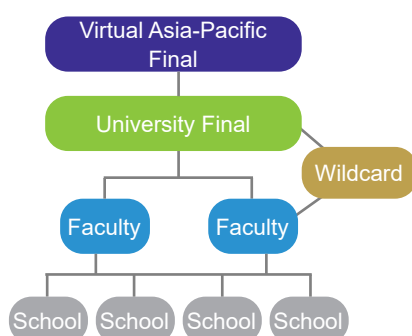
- First Prize: \$5000 research grant
- Runner-Up: \$2000 research grant
- People's Choice: \$1000 research grant
- Winner represents UQ at Virtual Asia-Pacific 3MT Final
- Winner represents UQ at U21 Virtual 3MT Competition

Asia-Pacific 3MT Final

- First Prize: \$5000 research grant
- Runner-Up: \$2000 research grant
- People's Choice: \$1000 research grant

Progression

The following chart outlines the progression of competitors throughout the competition.



Please note: The winner of each heat or final is expected to represent their school/faculty/university at the next stage of the competition. If the winner is unable to attend the final, the runner-up will proceed to the next round of the competition in their place.

Wildcard Competition

The Wildcard Competition is where the People's Choice winner (audience voted) from each Faculty and Combined Institute Final is given the chance to compete in a Wildcard Competition hosted by the Graduate School. The winner of the Wildcard Competition is offered the opportunity to compete in the UQ 3MT Final. (If the faculty winner was also the people's choice, the runner-up proceeds to the Wildcard Competition).

Virtual U21 Final

The Universitas 21 (U21) network of universities coordinates a virtual 3MT competition open only to U21 member universities. Each participating member will hold their own internal 3MT competitions to select a local winner who will then be put forward for the U21 final, to be judged by an international panel consisting of industry and academic professionals.

The local competitions will challenge the students to present face-to-face, and additionally the virtual final will hone skills associated from being filmed for an international audience, receiving international peer review, and gaining skills surrounding the presentation of their research to a wider audience.

Virtual Asia-Pacific Competition

The 2021 Virtual Asia-Pacific 3MT competition will be hosted virtually by UQ and is open to Universities in Australia, New Zealand, South-East and North-East Asia.

The winner of the UQ 3MT Final will progress to represent UQ at the Virtual Asia-Pacific Competition.

The Virtual Asia-Pacific 3MT competition is proudly sponsored by Springer Nature (Platinum Sponsor), a global publisher dedicated to providing the best possible service to the whole research community.

SPRINGER NATURE

Competition Guidelines

UQ 3MT Competition

In order to take part in the 2021 UQ 3MT Competition each participating school, institute and faculty will hold its own internal 3MT competition to select a winner. A key requirement will be that students must provide, as part of their 2021 entry, a pre-recorded video presentation of their 3MT for consideration by the judges.

Video pre-judging is important to ensure the 3MT competition can pivot quickly to a virtual format should Covid-19 restrictions be implemented. This does not prevent live events being planned to celebrate the amazing research conducted by HDR students, but does allow for consistency in the judging criteria.

3MT Eligibility

Active PhD and Professional Doctorate (Research) candidates who have successfully passed their confirmation milestone (including candidates whose thesis is under submission) by the date of their first presentation are eligible to participate in 3MT competitions at all levels, including the Asia-Pacific 3MT competition. Graduates are not eligible.

UQ Specific Eligibility

MPhil and pre-confirmation PhD and Professional Doctorate candidates who are active in program will still be eligible to participate in the UQ 3MT competition up to Faculty/Institute finals but cannot advance to the UQ 3MT Final.

Please note: Students enrolled in any of the following programs are not eligible for the Virtual Asia-Pacific 3MT competition:

- Masters (MPhil and coursework);
- Professional Doctorate (coursework)

3MT Process + Video Submission

School/Institute Heats and Faculty Final

- Competitors to complete the [Three Minute Thesis Competitor Registration 2021](#) form in Student Hub.
- 3MT Event Coordinator to provide instructions to competitors regarding their competition heat, the video recording and submission process, and whether it is planned as a live or virtual event.
- Competitor to prepare, record and edit their 3MT presentations (using any available recording or mobile device) and upload to a Vimeo account (competitors to set up a personal Vimeo account).
- Competitors to email the following to their 3MT Event Coordinator for consideration in their School/Institute/Faculty 3MT competition:
 - Personal details;
 - 3MT title slide;
 - 3MT Vimeo presentation link; and
 - 3MT PowerPoint slide.
- School/Institute/Faculty to promote their 3MT competitions.
- School/Institute/Faculty 3MT Event Coordinator to email 3MT presentation links and 3MT PowerPoint slides to judging panel.
- Judging panel to pre-judge all presentations (mark using 3MT scoring sheets) and conduct a Zoom meeting to discuss judging and final placement of winners – Winner/Runner-up.
- Post Faculty Finals, 3MT Event Coordinators to provide 3MT with:
 - Personal details;
 - 3MT title slide;
 - 3MT Vimeo presentation link; and
 - 3MT PowerPoint slide.

Please note: Editing of videos may include a 3MT title slide and 3MT PowerPoint slide. This element is optional and will not be scored negatively if this step is not completed.

Please note: How each school/institute promotes and engages with their cohort/audience is at their own discretion (be as creative as you like). The decision to host a live or virtual event also sits with the School/Institute or Faculty.

Please note: After each competition round competitors have the option to either submit their current presentation or re-record and submit a new presentation for entry into the next round.

Please note: The judging panel will not judge the presentation based on the video/recording quality or editing capabilities (optional inclusions). Judging will focus on the presentation, ability to communicate research to a non-specialist audience, and 3MT PowerPoint slide.



Competition Guidelines

Rules and Recording

- Presentations are limited to 3 minutes and competitors exceeding 3 minutes are disqualified.
- Presentations are considered to have commenced when a presenter starts their presentation through speech (Video - timing does not include the 3MT title slide and commences from when the competitor starts speaking, not the start of the video).
- **Videos must meet the following criteria:**
 - Filmed on the horizontal;
 - Filmed on a plain background (if possible);
 - Filmed from a static position; and
 - Filmed from one camera angle.
- **Optional inclusions in video (if editing)**
 - 3MT title slide
 - 3MT PowerPoint slide (top right corner/right side/cut to)
- A single static slide is permitted in the presentation (no slide transitions, animations or 'movement' of any description). The slide can be visible continuously, or 'cut to' (as many times as you like) for a maximum of 1 minute or submitted via email if not included in the presentation.
- The 3 minute audio must be continuous – no sound edits or breaks.
- No additional props (e.g. costumes, musical instruments, laboratory equipment and animated backgrounds) are permitted.
- Presentations are to be spoken word (e.g. no poems, raps or songs).
- No additional electronic media (e.g. sound and video files) are permitted.
- The decision of the adjudicating panel is final.
- Entries submitted for final adjudication to Wildcard or UQ Final are to be submitted from the School/Institute/ Faculty 3MT Event Coordinator. Competitors should not submit their videos directly to 3MT.

Please note: Editing of videos to include a 3MT title slide and 3MT PowerPoint slide are optional and will not be scored negatively if this step is not completed. However please provide both the 3MT title slide and 3MT PowerPoint slide upon submission of video.

Please note: Competitors *will not* be judged on video/recording quality or editing capabilities (optional inclusions). Judging will focus on the presentation, ability to communicate research to a non-specialist audience, and 3MT PowerPoint slide.

Please note: After each competition round competitors have the option to either submit their current presentation or re-record and submit a new presentation for entry into the next round.

Judging Criteria - REVISED (May 21)

At every level of the competition each competitor will be assessed on the judging criteria listed below.

Please note: Each criterion is equally weighted and has an emphasis on audience.

Comprehension and Content

- Presentation provided clear background and significance to the research question;
- Presentation clearly described the research strategy/ design and the results/findings of the research; and
- Presentation clearly described the conclusions, outcomes and impact of the research.

Engagement and Communication

- The oration was delivered clearly, and the language was appropriate for a non-specialist audience;
- The PowerPoint slide was well-defined and enhanced the presentation; and
- The presenter conveyed enthusiasm for their research and captured and maintained the audience's attention.



Competition Preparation

3MT Preparation - Competitors

Even the world's best presenters prepare before important presentations. To assist your competitors with their preparations, please find below suggestions that will help them in writing their presentation, creating their slide, as well as practising, recording and submitting their presentation.

3MT Writing

Write for your audience

One of the judging criteria looks for evidence that you can explain your research to a non-specialist audience. To do this you may like to:

- Avoid jargon and academic language;
- Explain concepts and people important to your research - you may know all about Professor Smith's theories but your audience may not;
- Highlight the outcomes of your research, and the impact it will have
- Imagine that you are explaining your research to a close friend or fellow student from another field; and
- Do not dumb down or devalue your research, what you are doing is exciting and you should convey enthusiasm for your subject.

Tell a story

You may like to present your 3MT like a story, with a beginning, middle and an end. It's not easy to condense your research into three minutes, so you may find it easier to break your presentation down into smaller sections. Try writing an opener to catch their attention, then highlight your different points, and finally have a summary to restate the importance of your work.

Have a clear outcome in mind

Know what you want your audience to take away from your presentation. Ideally, you would like the audience to leave with an understanding of what you're doing, why it is important and what you hope to achieve.

What not to do

Do not write your presentation like an academic paper. Try to use shorter words, shorter sentences and shorter paragraphs. You can use humour, however be careful not to dumb down your presentation.

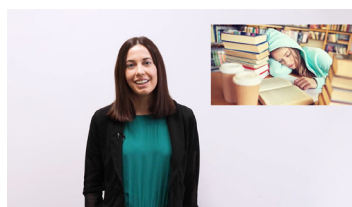
Revise

Proof your 3MT presentation by reading it aloud, to yourself and to an audience of friends and family. This allows you to not only check your style, but it will allow you to receive critical feedback. Ask your audience if your presentation clearly highlights what your research is and why it is important.

3MT Slide

Before you start work on your slide, you should take the following rules into account:

- a single static PowerPoint slide is permitted;
- no slide transitions, animations or 'movement' of any description are permitted;
- 3MT PowerPoint slide location in recording (top right corner/right side/cut to). The slide can be visible continuously, or 'cut to' (as many times as you like) for a maximum of 1 minute or submitted via email if not included in the presentation.
- no additional electronic media (e.g. sound and video files) are permitted.

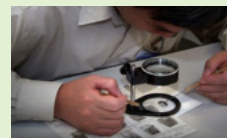


Consider the following:

Less is more

Text and complicated graphics can distract your audience – you don't want them to read your slide rather than listen to your 3MT.

Suspects, Science and CSI
Slide: Matthew Thompson, 2011



Personal touches

Personal touches can allow your audience to understand the impact of your research.

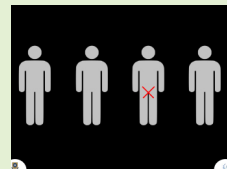
Ocker or Oriental? Asian Australians and the Denial of National Identity
Slide: Michael Thai, 2013



Creativity drives interest

You do not have to have a slide, so do not rely on your slide to convey your message – it should simply complement your spoken oration.

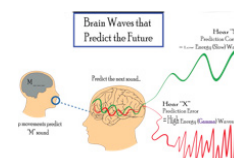
The Fourth Man
Slide: Ryan Stafford, 2011



Work your message

Think about how your slide might be able to assist with the format and delivery of your presentation – is there a metaphor that helps explain your research?

Brain Waves that Predict the Future
Slide: Tim Paris, 2012



Competition Preparation



3MT Presentation

Practice, practice, practice

Feeling nervous before you present is natural, and a little nervousness can even be beneficial to your overall speech. Nonetheless, it is important to practice so you can present with confidence and clarity.

Vocal range

- Speak clearly and use variety in your voice (fast/slow, loud/soft).
- Do not rush – find your rhythm.
- Remember to pause at key points as it gives the audience time to think about what you are saying.

Body language

- Stand straight and confidently.
- Hold your head up and make eye contact.
- Never turn your back to the audience.
- Practise how you will use your hands and move around the stage. It is okay to move around energetically if that is your personality, however it is also appropriate for a 3MT presentation to be delivered from a single spot on stage.
- Do not make the common mistakes of rolling back and forth on your heels, pacing for no reason or playing with your hair as these habits are distracting for the audience.

Record yourself

Record and listen to your presentation to hear where you pause, speak too quickly or get it just right. Then work on your weaknesses and exploit your strengths.

Look to the stars!

Watch your role models such as academics, politicians and journalists, and break down their strengths and weaknesses. Analyse how they engage with their audience. Visit the 3MT website to view presentations by previous 3MT finalists.

Dress

- While there is no dress code, if you are unsure of how to dress you may like to dress for a job interview or an important meeting.
- Do not wear a costume of any kind as this is against the rules (as are any props).

Practice using a microphone

While each School/Institute or Faculty competition may vary, at the UQ Final you will have a lapel microphone. If you haven't used a microphone before, instructions will be provided.

Competition Preparation

3MT Recording - Device Options

Recording your presentation can be done using a camera and or handheld video recorder however most phones allow you to record through the camera function and most computers have recording ability (via camera or webcam) using inbuilt programs such as:

Windows

- Camera App
- Windows Movie Maker

Macintosh

- QuickTime
- iMovie

Online programs which you might like to consider include:

- Zoom

3MT Recording - Filming at Home

There are three factors to consider when selecting your location to ensure you are producing the best video possible: light, sound and background.

Light

Dark environments impact the overall quality of your video because cameras do not perform well in dim lighting. Ensuring you are well lit guarantees the camera and therefore, your audience, can see you clearly. Look for a room in your home that has lots of natural light. If you are using light from a window, ensure you are facing towards the window so light falls on you directly.

Any additional lighting you can introduce will further improve the quality of your video. Look around your home for desk lamps, torches etc. Watch [this tutorial](#) for more information.



Facing away from window



Facing window

Sound

When filming video at home, ensure you choose a very quiet environment where you have as much control over the sound as possible. For example, choose a small room where you have the ability to close all doors and windows. Make sure any noisy electronics in the room such as fans, air conditioners, computers, phones and possibly even your fridge are temporarily turned off. These are much louder in video than you may think and are very distracting to your audience!

Be aware of any audible interruptions you don't have control over such as aeroplanes, lawns mowers and cars. Consider filming during a quiet time of day such as early in the morning when there are likely to be less interruptions. If there are audio interruptions during your recording, do not continue. Wait it out and try again at a later point!

Background

Aim for a clean, plain wall as your background, completely free of visual distractions from the waist up where you will be framing your shot.

Competition Preparation

3MT Recording - Setup

Whether you're filming on a phone, tablet or web cam, there are further factors to consider when actually setting up to film your video:

Support

Ensure phones and tablets have enough storage available, are in aeroplane mode, fully charged and either connected to a tripod or, placed on a stable surface (think creatively - Blu Tack to wall). Your friend cannot offer to be a tripod by holding your phone or iPad for you: Your video needs to be completely stable as movement is very distracting.

Camera orientation

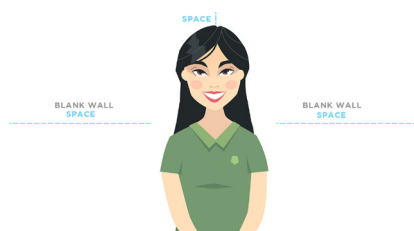
Ensure phones and tablets are turned onto their side so the video is filmed horizontally not vertically. This is to ensure the finished video is the correct shape and size when uploaded to Vimeo.

Eyeline

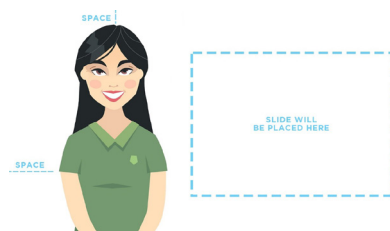
To ensure your eye line is correct, the tripod or surface where your recording device is placed, should be high enough so that the camera lens is in line with your eye level. Try to avoid the camera lens having to either point up or down towards you.

Framing - Two Options

1. Set up your shot so you are in the centre of the frame, not being cut off at the top and so you can be seen from the waist up. Ensure there is equal space and just the blank wall background on either side of you.



Set up your shot so you are to the left of the centre of the frame without being cut off at the top and so you can be seen from the waist up. The right side of the video frame should be just the blank wall background, as this is where your slide will be edited in.



Focus

Before you start recording, ensure your device is able to auto focus on you and isn't focusing on anything else around you instead. Be sure to watch your recording back and ensure you remain in the focus the entire duration.

Proximity

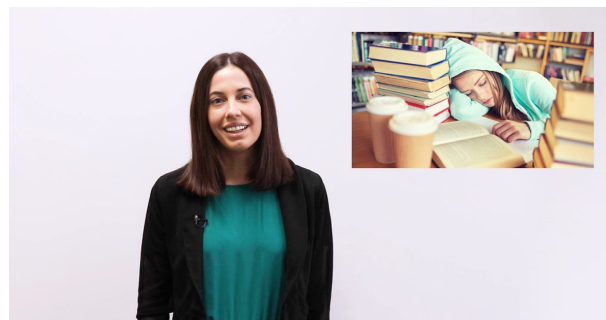
Ensure your recording device isn't too far away from you. The microphone on the device should be as close to you as possible to achieve both the desired framing and to ensure the audio is as clear as possible.

Test recording

Complete a short recording of a portion of your talk. Ensure you are speaking at the volume you intend to use for your presentation. Review the test recording to ensure all of the above elements are complete and working.

Presentation tip

Be aware of your eye movement. Maintain eye contact with the camera lens as though they were a person in the audience watching you present live.



Competition Preparation

Video Editing - Optional Inclusions

- Go to website - <https://www.kapwing.com> (or any video editing platform you are familiar with, Kapwing is a suggestion only)
- Create an account by signing in with Google or Facebook
- Go to My Workspace - click new project - click start with studio
- Click start with blank canvas
- Rename Studio Draft (top of page) - Name - 3MT Title
- Click add scene - left hand side to show 2 blank scenes
- Adjust output size (16:9 - widescreen) - right hand side

Scene 1

- Highlight scene - click upload - insert 3MT Identifying Details as a JPEG
- Fill in the PowerPoint with your details and save a copy as a JPEG for uploading - does not upload PowerPoint.

Scene 2

- Highlight scene - click upload - insert 3MT Video file or URL link
- Highlight scene - click upload image - insert 3MT PowerPoint slide - highlight 3MT PowerPoint slide - click lock ratio - adjust size and place in top right hand corner / or on right hand side
- Save a copy of your 3MT PowerPoint slide as a JPEG for uploading - does not upload PowerPoint
- Save draft and review
- Publish
- Copy link and upload your final presentation to Vimeo - The Vimeo link to your video is the link you will submit to your 3MT Event Coordinator along with your 3MT PowerPoint slide so the judging panel can view and assess your presentation.

Uploading to Vimeo - Computer

- Ensure your completed video has been copied to your desktop or laptop device from your phone or tablet
- Create your own personal Vimeo account and log in at vimeo.com. Click 'log in' on the left of the top toolbar
- Hover over the blue 'New Video' button in the top right and select 'upload' from the drop down menu.
- Either drag and drop your file for upload or manually select your file by clicking 'or choose files'. The upload should begin automatically.
- Ensure the privacy setting is set to '**Anyone can see this video**'.
- Ensure the setting '**People can add to collections**' is switched on.
- Give your video a title: Name_3MT Title
- In your video description please place the following:
 - 2021 3MT Competition
 - Name:
 - 3MT Title:
- The Vimeo link to your video is the link you will submit to your 3MT Event Coordinator along with your 3MT title slide and 3MT PowerPoint slide so the judging panel can view and assess your presentation.

Uploading to Vimeo - Smart Phone

- Download and install the Vimeo app.
- Create your own personal Vimeo account and log in via the blue log in button. If you already have an account, click the blue log in button and enter your existing details.
- Click on the 'upload' button in the bottom right-hand corner and select your video from the camera roll.
- Trim the length of your video, or choose 'skip'.
- Ensure the privacy setting is set to '**Anyone can see this video**'.
- Ensure the setting '**People can add to collections**' is switched on.
- Give your video a title: Name_3MT Title
- In your video description please place the following:
 - 2021 3MT Competition
 - Name:
 - 3MT Title:
- The Vimeo link to your video is the link you will submit to your 3MT Event Coordinator along with your 3MT title slide and 3MT PowerPoint slide so the judging panel can view and assess your presentation.

Updating Video

Vimeo allows you to replace a video with an updated file so the original link remains the same.

If you need to update your submission, update your video at the existing Vimeo link. **Do not** upload a new video from scratch, as this will create a new link and will be difficult for organisers to track.

Please note: only done using a computer or tablet.

- Log in to your Vimeo account on an internet browser (do not use the app).
- Navigate to the video by selecting "videos" on the left hand side menu.
- Click on the video to open the video's settings.
- Scroll to the bottom of the settings options on the left-hand side of the screen.
- At the bottom of the scroll bar, click the blue button "replace video".
- Navigate to and select the new video file on your device.
- Watch the progress of the new upload at the bottom left-hand side corner of your screen. Do not close the browser window until this is complete.
- Watch the updated video through to ensure the new video has replaced the old version. This can sometimes take time to process.

Further Information

Further Information

If you have any queries about 3MT please visit the 3MT Website or contact the Graduate School.

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THE UNIVERSITY OF QUEENSLAND CRICOS PROVIDER NUMBER 00025B

