The Monash Doctoral Program

Education
A PhD with purpose.
Knowledge of your discipline has shown you how much remains unknown. But these gaps in human understanding, unexplored pathways and unresolved problems don’t discourage you; they excite you.

You see the opportunity to pursue the unknown through careful and collaborative investigation.

You possess the passion and determination required to undertake a significant research project.

Your vision is for original knowledge aimed at personal, scientific or social transformation.

You’re seeking the opportunity to work within a world-class research environment with the reputation, supervisors, facilities, networks and support that will help you thrive as a graduate researcher and beyond.

The Monash Doctoral Program is that opportunity.

Curiosity, optimism, enterprise.
When you join the Monash research community you become part of a bold, open-minded centre of research excellence that is committed to seeking knowledge in order to serve and transform society. In less than 60 years we have risen to be ranked in the world top 100.

1 **Guidance for the journey**
   The Monash Doctoral Program connects you with two supervisors who are active researchers and mentor you throughout your PhD.

2 **Scholarships to support success**
   Monash graduate researchers have access to a wide range of scholarships and grants. Your studies may also be supported through opportunities such as industry internships and co-supervision with partner organisations.

3 **Skills for the 21st century**
   Within the Monash Doctoral Program you are provided with a variety of training opportunities that enhance your research and prepare you for life after your degree. Everything from communication, project management and research commercialisation through to specialist units about teaching in higher education. No matter where you see yourself heading, our innovative training options will give you every chance to ensure your PhD results in more than a thesis.

4 **Leading facilities**
   As a graduate researcher you have access to advanced research platforms. Everything from the latest 3D printing facilities through to immersive data visualisation centres.

5 **Networks to extend your thinking and opportunities**
   Through our international campuses, alliances and partnerships we are a global university. The Monash Doctoral Program is an opportunity to utilise these networks and form your own.

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Support for the present and preparation for the future.
The Monash Doctoral Program opens up a world of possibilities.

Some of our graduates have gone on to careers in other great universities across the globe where they continue to push the bounds of knowledge and innovation. Others join major corporations or form companies of their own. Still others use their expert knowledge and skill to advise governments of all sizes or work for bodies such as the United Nations. For some the impact is more local and personal but the transformation is still profound.

Whether you’re thinking local or global, the Monash Doctoral Program will support your research journey and develop your professional skills so that you emerge ready to make the greatest possible impact whatever your discipline and vision.

Become part of a global network of researchers and professionals.
A university committed to transformation

The Monash Doctoral Program gives you an opportunity to challenge and change things for the better.

We are named after Sir John Monash, a famous Australian scholar, soldier, engineer and civic leader. His challenging call was to “equip yourself for life, not solely for your own benefit but for the benefit of the whole community”. This ethos has been present from the establishment of the university in 1958 when it was given a charter for research excellence aimed at advancing and applying knowledge at the local, national and international levels.

In less than 60 years we have grown to become the largest Australian university, with over 60,000 students studying locally and at international campuses in Malaysia, South Africa and Italy. During that time we have been involved in significant breakthroughs that have transformed individuals, industries and societies.

It was Monash researchers who achieved the world’s first IVF pregnancy in 1974. It was a Monash researcher who developed the world’s first anti-viral drug (Relenza) in 1996. Eight Monash researchers were among the members of the Intergovernmental Panel on Climate Change that shared a Nobel Peace Prize with former US Vice-President Al Gore in 2007. It is Monash researchers who recently pioneered the manufacture of a jet engine using 3D printing technologies.

Your fresh thinking will make an important contribution to this tradition of growth, enterprise and transformation.
Monash is ranked in the **TOP 100** universities of the world.

**Internationally recognised for excellence**

Joining Monash is an opportunity for you to be part of a research-intensive institution with a prestigious international reputation.

We are ranked in the top 100 universities of the world.

Across disciplines and subjects ranging from engineering through to education we are ranked in the top 50 of the world.

But we recognise that rankings are not an end in themselves. They simply reflect our focus on excellence in all things. This includes our commitment to your success as a graduate researcher.

For more information go to monash.edu/study/ranking-and-reputation/rankings

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**Outstanding supervisors**

The relationship with your supervisors is at the heart of your PhD experience.

It is in the context of this relationship that the research question is shaped, the research project is undertaken and the results are communicated.

We ensure that you are assigned at least two supervisors who are active researchers.

Your supervisors are provided with ongoing professional development opportunities that build contemporary supervisory knowledge and skill, and your main supervisor is certified as appropriately trained.

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**Generous scholarships and grants**

The graduate research journey can be challenging so we offer you a wide range of support along the way.

From scholarships to help with your living expenses through to travel grants to facilitate international experience, the aim is to help you focus on your research and professional development, and make the most of opportunities as they arise.

As a Monash graduate researcher you also gain access to language classes, careers advice and a host of other support services to assist you in your journey.

For more information go to monash.edu/migr/future-students/support
Innovative training options

A world of continual change demands a dynamic combination of skills from graduate researchers.

Research skills to ensure high quality analysis combined with public speaking skills to effectively share your findings. Writing skills and strategies to increase your chances of publication combined with business skills to help you navigate the process of commercialisation. People skills to help you build collaborative networks combined with management skills to help you keep projects on track.

For those with a passion and vision for teaching within higher education, Monash offers specialist modules on topics such as effective teaching, assessment and facilitating learning in small groups. Along with mentoring from your supervisors, these skills are built through professional development modules or coursework units.

There are also a growing number of graduate research interdisciplinary programs where training is offered through industry placements and mentoring from those working in external organisations. These programs bring together various faculties with partners from government, industry or research institutes to work on some of the most interesting and complex issues facing the world today.

These additional learning opportunities complement your thesis and improve the range of opportunities available to you as you finish your project.
Partnerships with organisations such as the Plastics and Chemicals Industry Association, Museum Victoria and AMSI Intern also provide exciting opportunities within the Monash Doctoral Program.

Eliminate Dengue is a global initiative led by Monash Professor Scott O’Neil which is examining the role of naturally occurring bacteria in reducing the ability of mosquitoes to pass dengue between people. It has the support of the Bill and Melinda Gates Foundation.

Global networks

Academic and professional networks are central to your success as a graduate researcher.

Immersive visualisation technology linked with instruments such as high powered electron microscopes and medical imaging devices. Additive manufacturing facilities capable of printing jet engines. An expansive laboratory housing 5000 tanks of zebrafish that is helping to provide new insights into regenerative medicine. Just a taste of what is on offer.

Monash graduate researchers also have access to leading IT and library facilities, along with dedicated postgraduate study spaces that provide an ideal environment for analysis, reflection and writing.

These facilities enable, enhance and extend your research.

Partnerships with private, public and community organisations also provide exciting opportunities within the Monash Doctoral Program.

Our chemicals and plastics interdisciplinary program has involved partnerships with a range of large companies while our partnership with organisations such as Museum Victoria provides unparalleled access to leading research collections as well as co-supervision opportunities.

As you participate in the Monash Doctoral Program you are tapping into local and global networks across a range of sectors that improve the reach and relevance of your research.

World-class research infrastructure

The Monash Doctoral Program provides you with access to an integrated network of world-class research platforms.

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My question

“My project is focused on how young people are using digital technologies to communicate and form online identities, and how these relate to their offline identities.”

My journey

“I worked for five years as a high school English teacher and during that time completed my Master of Education at the University of Melbourne. I loved teaching but continued on to a PhD because I was drawn to understanding more about digital and social media from a literacy perspective.”

Luci was drawn to Monash through a combination of a scholarship opportunity and the leading work of the Learning with New Media research group.

My impact

“My experience is that schools don’t always do a lot to support young people with the challenges that they face when it comes to changes in technology so I hope my research can help make space for some dialogue about this. My research has already resulted in an exhibition of artwork by young people and a number of publications. There is the potential for some of my findings and methods to be translated into digital applications in future.”

Luci’s work has been featured in The Age, one of Melbourne’s major news publications.

For more information go to monash.edu/migr/future-students/phd
Making sense of yourself in an online world

“At the moment there is a lot of information about digital technology for young people and parents that is driven by a media panic. It’s all about cyber safety and the idea that there are all these terrible people out there. My interviews with young people have revealed that this negative approach doesn’t really get through or deal with the reality of what they face. Young people are interested and engaged in digital technologies because that’s where a lot of exciting things are happening. However, there are challenges and I’m looking at how schools can open up a dialogue with young people about engaging reflectively with these technologies. That’s a conversation that seems to be missing and leaves young people having to navigate these things by themselves.”

“One method that I used to help the young people in my study to explore their digital identity was to get them to create art that expressed something about their use of technology. This resulted in a public exhibition at the library. It was deeply rewarding to see their work recognised. There is the potential for this kind of activity to be developed into a digital application which might form part of an educational program or curriculum in the future.”

“I have loved the opportunity that the PhD has given me to follow and research my own ideas. I hope to continue researching, writing and publishing in this area.”
Professor Neil Selwyn has researched, written and advised extensively on matters of digital technology, society and education. This includes the issues of digital exclusion, education technology policymaking and the student experience of technology-based learning. Neil’s previous academic experience includes work at the University of London, Cardiff University and the University of Bristol.

“As long as it’s logical and well executed I’m always open to what a student wants to do when it comes to their research. My job is to suggest ways to improve questions, point out alternative ways of seeing an issue and help them consider the most suitable research methods.”

“Within the social sciences, research involves reading and responding to academic literature so I base my supervision around the process of writing and revision. I provide feedback about written work through face-to-face meetings but also have an ongoing exchange of ideas and resources with my students via email and social media, which is a big part of the future for academia.”

“A PhD is not just something you can pick up and then drop for a month. That’s why it is so good to have students on campus where the faculty provides them with office space. Within our research group, graduate researchers are active members and often come up with the best ideas because they are engaging with the latest literature.”

“PhD’s are taken seriously here. Checks on student progress are not simply a box-ticking exercise. The rigorous milestones which are part of the Monash Doctoral Program require a formal and meaningful review of PhD progress which helps students work in a more focused way. The best students respond well to being challenged and critiqued rather than just coasting.”

“Monash is ambitious. It’s not an old, stuffy university mired in regulation. There is funding for travel and flexibility to explore new ideas and opportunities.”

“Neil is accomplished in the field of educational technology and very open with feedback and new ideas. Ilana, my co-supervisor, comes from a literacy background so they tend to read and respond to my work in different ways which has been helpful. Their strong academic connections in Europe have also opened up networks for me.”

— Luci Pangrazio
Graduate Researcher, Faculty of Education
Leading facilities
Innovative digital displays, virtual learning devices, sports labs and arts studios are just some of the educational resources and facilities available within the faculty.

Collaboration and community engagement
We work closely with State and Federal bodies, community organisations and businesses to provide services such as program evaluations, development of learning tools and delivery of professional development programs.

Global
Our diverse research community have strong international networks, we enjoy regular engagement with visiting scholars and our consulting and professional learning services have extended to New Zealand, Thailand, Turkey and Saudi Arabia.

Research that changes lives
The Faculty of Education has a vibrant research culture supported by Monash research groups, the student community and visiting scholars. Our researchers are renowned for their multidisciplinary approach and for their resilient solutions to today’s educational problems.

We have a strong record of securing major grants from Federal Government, State Government, research institutes and others in order to fund significant research into important educational questions related to topics such as creativity, digital technologies and expert teaching practice.

Graduate research within the faculty is suitable for educators, educational administrators, managers, policymakers, psychologists and other health professionals interested in making an original contribution to the discipline of education. Our PhD graduates go on to work in a wide range of fields including positions of educational, cultural, political and academic leadership.

As part of the Monash Doctoral Program, your research project will be complemented by a number of professional development modules. These span discipline-specific topics such as research project design for education as well as more general topics such as negotiation, financial management and research commercialisation.

The overarching themes that embrace our research endeavours are:
- Educational practices, policies and outcomes
- Health and wellbeing
- Social equity, resilient cultures and communities
- Sustainable work and learning environments

Our six Academic Communities provide the foundations for these research priorities:
- Curriculum and pedagogy
- Early childhood education
- Maths, science and technology
- Educational psychology and inclusive education
- Teacher education, language, arts and professional learning
- Work, learning and leadership

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Over the generations our influential research has informed both the practice of education, the development of innovation and produced graduates who are leaders in their chosen field.

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More information can be found at monash.edu/education/research/degrees/pathways.
A great place to live

Features of the city include:

**Dining**
Cafes, bars, restaurants and markets with food and drink from every corner of the globe are a rich part of Melbourne’s identity.

**Shopping**
From the sprawling Queen Victoria Market through to the classy boutiques of Collins St, Melbourne is a destination of choice for shopping of all sorts and a hot spot for Australian fashion.

**Creative arts**
Melbourne is home to a multitude of galleries, theatres and live music venues, as well as hosting various international festivals that showcase the creative arts.

**Sport**
Melbourne is Australia’s sporting capital with tennis, cricket, Aussie Rules football, Formula 1 racing, horse racing and soccer all featuring prominently in the life of the city.

**Business**
BHP Billiton, ANZ, Foster’s Group, Amcor and Ansell are just a few of the global companies headquartered in Melbourne that make it a bustling hub of enterprise and opportunity.

A great place to study

Along with access to a wide range of support services, joining our research community means opportunities to be involved in:

**Clubs and societies**
Each of our campuses has many clubs that you can join. They organise activities such as trips and social events. Whether your interests are academic, cultural, political or spiritual, clubs are a great way to get active, have fun, make new friends and experience new things.

**Monash student associations**
Run by and for students, student associations represent your interests on campus. They give you the chance to influence student life and develop professional skills. There are many different ways to get involved, such as writing for the student newspaper, joining an advisory committee, and organising activities like orientation week.

**Monash Sport**
We have fully equipped fitness centres and related sports services on many of our campuses. We encourage you to take part in team sport and competitions such as the Australian University Games.

**Volunteering**
As you consider how you want to make a positive impact on the lives of others, we can connect you with many different not-for-profit and community organisations.
Room to move

Coming to Monash can mean moving cities or countries. Our ongoing and significant investment in high quality campus accommodation means that you have accessible and comfortable options when it comes to finding a new home.

On-campus accommodation offers secure living, allowing you to focus on your studies in the knowledge that you are engaged in a supportive environment focused on your academic and personal wellbeing. Our new residential precinct situated right in the heart of the Clayton campus offers 1000 studio apartment rooms, providing easy access to the majority of faculty offices, libraries and research facilities.

Studio apartments include:

- A king size single bed
- Desk, chair and shelving
- Kitchenette
- Ensuite bathroom
- VOIP phone and high speed internet access
- Heating
- Fridge
- Access to a range of communal facilities

Monthly rental includes all utilities, car parking and the option of discounted membership at Monash Sport.

These new buildings also include large, modern study spaces reserved for postgraduate students and access to a diverse range of food, public entertainment and sporting spaces, retail areas and plenty of green space.

We can also provide guidance, information, resources and advocacy to students looking to live off-campus. This includes advice about what is available, how to search, your rights and responsibilities, budget matters and connecting utilities.

Find out more at Monash Residential Services mrs.monash.edu.au
Preparing to make an Impact

Applying for the Monash Doctoral Program involves four basic steps:

1. **Check your eligibility, which includes:**
   
   - English language proficiency. There are many ways in which you can meet this requirement and some faculties have higher requirements than others. Generally, most students need an overall band score of not less than 6.5 on the IELTS test (Academic) and at least 6.0 is required for each band score. Please check the Doctoral Handbook for further detail.
   
   - Demonstrated capacity to carry out independent research and adequate training and ability to pursue the proposed course of study, as demonstrated by:
     - a bachelor’s degree requiring at least four years of full-time study in a relevant field, and which normally includes a research component in the fourth year, leading to an honours 1 or 2A in a relevant field;
     - a course leading to a level rated by the relevant department, faculty and committee as equivalent to an honours 1 or 2A in a relevant field;
     - a master’s degree that entails work, normally including a significant research component, at least equivalent to an honours degree in a relevant field (a ‘significant research component’ in a master’s degree will vary from discipline to discipline). It is normally expected that a grade of honours 2A has been obtained for the research thesis or project. Where ungraded, examiners’ reports will be taken into account; or
     - have qualifications which in the opinion of Graduate Research Committee are deemed equivalent.

   Note that some areas of PhD study, such as fine art, music performance and journalism, have additional requirements. For more details check our Doctoral Handbook: monash.edu/migr/apply/invitation

2. **Obtain an invitation to apply**
   
   Liaise with the faculty and/or academic unit where you hope to study in order to discuss your eligibility and begin the process of submitting an expression of interest and finding a supervisor. Applications may only be submitted once you have obtained an invitation from the faculty where you hope to study. This can take up to four weeks. If you hope to secure a scholarship, it is recommended that you commence this process no later than 30 April for midyear applications and 30 September for end of year applications.

   For links to faculty-specific application requirements visit: monash.edu/migr/future-students/app/invitation

3. **Apply for a course and scholarship**
   
   Use our online application process to apply for the Monash Doctoral Program and relevant scholarships. Scholarship applications must be submitted by 31 May or 31 October each year.

   For more on scholarships visit: monash.edu/migr/future-students/support

   Apply online at: monash.edu/migr/apply

4. **Accept your offer**
   
   Successful applicants are provided with an offer letter which includes information on how to accept the offer and enrol.

   For more information visit: monash.edu/migr/future-students/apply/accept

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**Duration**

Your research should be scoped as achievable within three to four years of equivalent full-time study. Not all research areas allow for part-time study.

**Cost**

Fees apply and vary according to research area. Fees for Australian citizens, New Zealand citizens or Australian permanent residents are generally covered by the government funded Research Training Scheme (RTS) – conditions apply. Fees for international students may be covered by scholarships.

**Intake**

Applications are generally accepted throughout the year but commencement dates depend on coursework and other requirements.

**Location**

Varies according to research area.
The information in this brochure was correct at the time of publication (July 2015). Monash University reserves the right to alter this information should the need arise. You should always check with the relevant Faculty office when considering a course.

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