

# Research Options in the UQ Medical Program



# 3 Tiers of Research Options in the MD

## 1. Phase 1 Curriculum: MDY1 and MDY2

Research integrated into the MD curriculum

## 2. *Extra-curricular Research Options: All levels of prior experience*

*Extended Research Track (ERT)*

- Projects organised on a flexible / volunteer arrangement

## 3. *Higher Degree Options: Must be eligible & approved to enrol*

*Clinician Scientist Track (CST): Higher Degree by Research (HDR)*

- PhD and MPhil (or MSc)

*Masters of Public Health (MPH): Course work Masters degree*

## To clarify your research requirement in the MD

The research component of the MD is integrated into Phase 1

When you satisfactorily finish Phase 1 there is no 'program' requirement for every student to do further research

However: Research training gives you specific skills that will enhance your critical thinking and a scientific approach to answering clinical questions.

We hope you will take advantage of getting involved in research.

There are several options available to you.

Offered for the first time in 2019

Semester 4 Research Selective  
MEDI7281: Foundations of Medical Research

2-unit course for Phase 1 MD students in semester 4 (Year 2)

Students with little or no prior research experience will be prioritised

Watch for SI-net enrolments: Friday, 15 March 2019

Year 2 Blackboard Community site - information about all selectives and a discussion board

# Extended Research Track

Extra-curricular / voluntary research options for all levels of experience

## Key Points:

- ✓ Projects are flexible to fit alongside full MD program
- ✓ No dedicated time out of the MD for working on research project
- ✓ Consider convenience – use summer break, semester breaks
- ✓ Know your limits. Try not to over commit

## Must haves:

- ✓ **Research Outcome:** an agreed outcome with your project supervisor
- ✓ **Register your project(s)** on the Student Research Portal  
and
- ✓ **Submit - Student Research Volunteering Form**

# Clinician Scientist Track (CST)

Combining a Higher Degree by Research (HDR) with your MD

*Two models available:*

**Concurrent MD-MPhil** - MPhil is done part time (PT) and concurrently with full time (FT) MD

- ✓ No time taken out of MD

**Intercalated MD-MPhil or MD-PhD** – mixture of full time & part time research ‘intercalated’ with the MD

- ✓ MPhil: 1 year out
- ✓ PhD: 2-3 years out

Please remember you must be approved by the Medical Program to apply for a HDR

All details are on [Research in your medical degree](#)

# MD-PhD or MD-MPhil

## 3 important points

1. Understand all the information about HDRs, and applying for a scholarship.  
<http://www.uq.edu.au/grad-school/our-research-degrees>
2. Understand how the MD-MPhil and MD-PhD works in the UQ Medical Program.  
[Research in your medical degree](#)
3. **Remember:**
  - After you are clear on all of the above, contact and meet with the Director of MD Research (A/Prof Di Eley) for a meeting.
  - Please do not start an application until we meet.
  - Before June please! This is an EOI - not a commitment.

These are your responsibility.

*“Can I do an MD-PhD or MD-MPhil  
with an institute or centre  
outside the Faculty of Medicine”?*

*Yes, and;*

*please contact the Director of MD Research early in  
your plans,*

*please keep in regular contact regarding any  
changes in plans, or problems, or concerns.*



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# Doctor of Medicine/Master of Public Health (MD/MPH)

**Public health focuses on preventing disease, prolonging life and promoting healthy lifestyles. Careers in public health are diverse and graduates work across the public, private and not-for-profit sectors**

Our Doctor of Medicine/Master of Public Health (MD/MPH) program provides an opportunity to study the Master of Public Health and Doctor of Medicine programs concurrently. This pathway is suited to future doctors looking to:

- enhance clinical practice by broadening expertise, e.g. for advocacy or international work, or moving to administration or management.
- move into public health specialty training, as it helps fulfil entry requirements for training with the Australasian Faculty of Public Health Medicine.

If you are curious, enjoy solving problems and have a desire to make a lasting impact on the health of

communities and populations we serve, then a degree in public health may be for you.

## Public Health at UQ

- UQ is ranked second in the Asia-Pacific for Social Sciences and Public Health (2019 US News Best Global Universities rankings).
- This program is the first in the Asia-Pacific region to achieve Curriculum Validation from the Agency for Public Health Education Accreditation, which confirms the curriculum adheres to European standards and contains the structure and core content expected from a comprehensive Master of Public Health program.
- Benefit from UQ's strong links with organisations such as Australian Aid, the World Bank, the World Health Organization, UNICEF, and international ministries of health.



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# MD-MPH

## Masters of Public Health (MPH)

Course work Master's degree + an optional research component

Meet the requirements for MPH set by **School of Public Health (SPH)**

✓ For all details go to SPH website <http://www.sph.uq.edu.au>

✓ Remember you must be approved to apply for an MPH

After MD graduation, student can apply for credit from the HSR courses toward the MPH.



Please look here first for anything to do with  
Medical Student Research

## Student Research Portal

<https://medicine-program.uq.edu.au/research-portal>

Research in your Medical Degree

‘Find a Project’ Database

Register your research

Report your achievements

Direct links to UQ research institutes & centres

Research Resources

Links to scholarships, events, conferences etc.

# Student research portal

Research in your medical degree

The Student Research Portal was established to be a comprehensive source of information for students and research supervisors to post, locate and enquire about available research projects and activities, report student research activity and achievements, and express an interest in teaching into the medical program. For details on the research options for students, click the Research in your medical degree button above.

Home

For students

For researchers

Find a project

News

Events



## Research Options Information Session

14 February 2019 5:30pm–6:30pm



## Out of the Box Series: Medicine and Body Image: Medicine and the Normal Body



## Mater Research Student Information Evening

21 February 2019 5:00pm–7:00pm

# Research in your medical degree



Home / Research

The UQ Medical Program is committed to enhancing the research training and experience of its students. There are a number of ways students can incorporate research training and experience into their medical degree.

- **The Clinician Scientist Track (CST)** - refers to incorporating a PhD or an MPhil into the MD degree. Students must be eligible to enrol in an MPhil or PhD.
- **Extended Research** – refers to extracurricular-voluntary research opportunities for all medical students with an interest in doing some research during their medical program.
- **MD-MPH** - incorporates a Masters of Public Health into the medical program.
- **Summer Research Program**– this program is an excellent opportunity for students to get 'hands on' research experience concentrated over the summer break.

To assist you to incorporate research into your medical degree and to help you understand the research options available to you, please refer to these frequently asked questions.

[View FAQs](#)

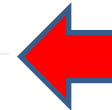
[Meet our Clinician Scientist students](#)

[Research in your medical degree](#) >

[Student research portal](#)

[Research support](#) >

CST: Intercalated MD-PhD and MD-MPhil



CST: Concurrent MD-MPhil



Pathways to the Clinician Scientist Track



Extended research



MD-MPH Masters of Public Health (MPH)



Summer Research Scholarship Program



UQ-Ochsner Students



Research ethics for students





*“I have no research experience at all – where do I start”?*

- ✓ [Student Research Portal](#)
  - ✓ Interactive database of projects
  - ✓ links to all UQ research institutes and centres, supervisors & projects
- ✓ *To note:* You may be limited in the types of research activities you are allowed to do i.e. wet-lab & clinical research
- ✓ Look for **flexible** research projects that are not time critical. Secondary data analysis, public health, health systems research, medical education, epidemiology research and literature reviews. All good options.
- ✓ Keep in mind the [Summer Research Scholarship Program](#) – opens ~ July.  
All information is here: <https://employability.uq.edu.au/summer-research>



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# Student research portal

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# Ground Rules for using 'Find a Project'

If you make an enquiry about a project, expect a response within 7-10 days. If not – you may;

- ✓ Contact [studentresearch@uq.edu.au](mailto:studentresearch@uq.edu.au) and we will follow-up
- ✓ Send a polite follow-up email

**This works both ways**

When you get a response – please acknowledge that response.

- ✓ It is both professional and courteous to reply.

Please take correspondence from staff seriously and professionally.

**First impressions matter**



# More points about the Portal

## Register your research

If you are involved in any research or research projects, you must:

- 1) *'Register your research'*, and
- 2) complete the *Student Volunteering Research Form*

**These are required if you are doing any research during your MD**

## Report your research achievements

Any research achievements during your MD (e.g., publications, presentations, awards, grants).

**Both your research activity and achievements will be acknowledged by the Medical Dean when you graduate.**

**It has to be entered on the Portal**

## For students

### Find a research project

- [Research Projects](#) in the Medicine Program
- [Honours Projects](#) - School of Biomedical Sciences
- [Research Projects](#) - School of Public Health
- [Honours Projects](#) - Queensland Brain Institute
- [Honours Projects](#) - Diamantina Institute
- [Research opportunities](#) at Mater Research
- [Honours and coursework Masters](#) at QIMR
- [Summer Research Program](#) - Faculty of Medicine
- [Winter Research Program](#) - Faculty of Medicine

For further information visit '[Research in your Medical Degree](#)'.

### Student Volunteering Research Form

Once you have arranged research with a supervisor and **before you begin**, all students doing voluntary research **must** complete a Student Volunteering Experience Research Form. Download the appropriate form below.

**Note: ensure you download the most recent version below - older forms will not be accepted.**

- [Student Volunteering Experience \(Research\) Form](#) - For voluntary research at any UQ research facility
- [Student Volunteering Experience \(Research\) Form: Mater Research](#) - For voluntary research at the Mater Research Institute ONLY

### Report your research achievements

UQ Medicine takes great pride in the research achievements of our students. Please use the form at the link below to enter your research achievements. These might include: journal publications, conference abstracts, oral or poster conference presentations, grants, awards, newspaper articles, interviews and invited talks.

[Report research achievements](#)

### Register your research

You must register any research activity or project you are involved in during your medical degree. Whether it is research at UQ or elsewhere - it all matters. Especially if you are doing voluntary (extracurricular) research. By registering your research, we can officially acknowledge and recognise these activities as part of your medical program and you will receive a certificate when you graduate. It only takes a couple of minutes.

[Register your Research](#)

# Timeframes: “when can I do what”?

## Clinician Scientist Track (MD-PhD or MD-MPhil)

Entry point for all PhDs and MPhils is January after completion of MDY1 or MDY2.

**Before June** - Contact the Director of MD Research stating your interest

- Please ensure you are eligible – read all information
- Send your CV
- See MD-HDR Timeframes on website & under FAQs

## MD-MPH: Masters of Public Health

- Start anytime after completion of MDY1
- Enrolment is in line with semester start dates

# Interested in research during your MD?

*Its up to you.....*

**Be realistic.** *Your priority is your MD!*

- ✓ Settle in before committing to any research
- ✓ *Take a reality check after first semester*

**Keep up with information**

- ✓ Phase 1 Newsletter '*Student Research*'
- ✓ No excuse, (*and little sympathy*) for being unaware of announcements and opportunities.

**A word about emails.....**

Researchers/supervisors use email to communicate

- ✓ Please monitor your emails '*sufficiently*'

**Be strategic.** *Its not a race!*

- ✓ Its quality that counts.
- ✓ Take time to find an area of interest you can build on in your clinical career



Save  
the  
date!

16<sup>th</sup>  
March



THE AUSTRALIAN ACADEMY OF HEALTH AND MEDICAL SCIENCES

# QUEENSLAND CLINICAL SCIENCE SYMPOSIUM

FOUNDATIONS & FRONTIERS

9 AM - 4.30 PM | MARCH 16 |

TRANSLATIONAL RESEARCH INSTITUTE

Presentations and panel discussions featuring:

Prof. Mark Smithers <i>general surgery</i>	Dr. Moe Thuzar <i>endocrinology</i>	Prof. Charles Gilks <i>public health</i>	A/Prof. Karen Barlow <i>paediatric neurology</i>	A/Prof. Dan Siskind <i>psychiatry</i>
Prof. Emma Duncan <i>genetics</i>	Prof. Elizabeth Powell <i>hepatology</i>	Dr. Siok Tey <i>immunotherapy</i>	Prof. Lizbeth Kenny <i>oncology</i>	A/Prof. Kiarash Khosrotehrani <i>dermatology</i>

Morning tea, gourmet lunch, and afternoon drinks included

Early bird tickets \$15 | Available until February 16th

Visit us on Facebook and Eventbrite for more information

Register  
on  
Facebook

# The Bottom Line

This is is serious

Take advantage of your research opportunities during your MD.

Take them seriously, with commitment and dedication.

Be honest with yourself regarding your capacity for extra commitments. Take regular ‘reality checks’.

## UQ Medical Student Research Contacts

Associate Professor Di Eley, MSc, PhD

Director of MD Research

Faculty of Medicine

Office of Medical Education

The University of Queensland

[d.eley@uq.edu.au](mailto:d.eley@uq.edu.au)

Dr Julia Garcia Diaz, MD

Medical Director of Student Research

Ochsner Clinical School, University of Queensland,

New Orleans, Louisiana USA

[jgarcia-diaz@ochsner.org](mailto:jgarcia-diaz@ochsner.org)

Student Research Mailbox

[studentresearch@uq.edu.au](mailto:studentresearch@uq.edu.au)



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# TIPS FOR BUILDING YOUR RESEARCH CV

Associate Professor Di Eley  
Director of MD Research  
[d.eley@uq.edu.au](mailto:d.eley@uq.edu.au)  
April 2018



# CV Dos & Don'ts

## DO:

- ✓ Start now
- ✓ Document all your research achievements as they happen – you will forget
- ✓ Record everything correctly
- ✓ Tailor your CV to fit the purpose

## DON'T:

- ✓ Don't assume – be clear but concise
- ✓ Skimp – but be sure to back up all claims
- ✓ Waffle or ramble – keep it clear and concise
- ✓ Be vague or cryptic – give **brief** details – *but give details*
- ✓ Get fancy – keep the layout logical and clear – no fancy fonts, colours, borders
- ✓ Use cliché's – 'committed', 'passionate', 'driven' - even if true sound meaningless
- ✓ Look lazy - no excuse for and no reprieve from typos and grammatical errors

Bottom Line about CVs – **Don't make the reader work!**



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# PERSONAL DETAILS

*Set the scene*

***Include:***

- ✓ Full name
- ✓ Email address – UQ
- ✓ Phone - *optional*
- ✓ UQ ID Number
- ✓ Domestic or International
- ✓ Current situation – be sure to say what you are currently doing. (student? working?)



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# EDUCATION

*In chronological order starting with current or most recent, include the following (if possible):*

- ✓ Full title of the qualification/program (BSc, PhD, Grad Dip etc.)
- ✓ Yes include Secondary School
- ✓ Institution attended (+ state / country)
- ✓ Year commenced and the year awarded (if 'current' use year commenced and 'current')
- ✓ **Distinctions:** OP, ATAR, GPA, Dean's Commendations (how many-when-what years), Honours (include Class)



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# RESEARCH EXPERIENCE

*In chronological order starting with most recent list individual episodes of research experience.*

Include for each entry:

**Full name of your experience:**

paid employment, summer project/scholarship, research course, voluntary/casual experience

**Dates you were involved or worked:** *from Month/Year to Month/Year or to 'Current'*

**Time spent on each:**

- ✓ *Approximately how much time over the dates you specified, did you spend on this research?*
- ✓ Represent as either a full time equivalent (.05 FTE) or in hours per week (10 hrs/week)

**Main supervisor or principal investigator**

**Name of lab, institute, centre, hospital etc.**

**Brief description of the experience/work/project:** *4 lines of text max & do not use technical terms* Describe what you did, your role, or your project.

- ✓ Include skills you learned but not in detail.
- ✓ *Make sure you can back up your claims*

# RESEARCH OUTPUT: PUBLICATIONS

## Include:

- ✓ Journal articles, full research papers, letters, commentaries, short reports, editorials, etc.
- ✓ *Articles that have been published or accepted for publication, and submitted.*
- ✓ *Articles in preparation – same applies (give intended date of submission)*

For each item include *full bibliographic details* using an common **citation style** (e.g. Harvard, Vancouver, APA)

- ✓ **This needs to be correct and complete**
- ✓ *Look at the journal and follow their style*

**Example:** First author family name + initials , Second author family name + initials, Third author family name + initials. Article title. Journal name, Year (or date submitted or date accepted), Volume number, pages xx – xx. DOI number - optional: for early online or in press articles.

**Specify your contribution to any items where you are not first author.**

- ✓ **No more than 2 sentences**

**Example:** Eley DS, Benham H. From medical student to clinician-scientist: where is the pathway in Australia? *Internal Medicine Journal* 2016;46 (12):1449-52.



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# RESEARCH OUTPUT: CONFERENCE ABSTRACTS / PRESENTATIONS

## Include:

- ✓ Conference abstracts for oral or poster presentations (*include submitted or accepted*)
- ✓ *Specify oral, poster, keynote or invited*

## For each item include

- ✓ *Full details of your abstract **and the conference details***
- ✓ This needs to be correct and complete
- ✓ *Look at the conference website for these details*

**Example:** First author family name + initials , Second author family name + initials, Third author family name + initials. Presentation title. Full name of conference. Conference dates. City and Country where it was held. Include date submitted if not accepted yet.

## Specify

- ✓ *if you are the presenting author*
- ✓ *your contribution to any items where you are not first author - no more than 2 sentences*
- ✓ *if you won an award for the presentation*

**Example:** Eley DS, Brooks KD. How will I cope with rural practice? Student reflections on their personality, values and expectations after a rural longitudinal integrated clerkship. WONCA 14<sup>th</sup> World Rural Health Conference, 29 April-2 May 2017, Cairns, Australia.



## AWARDS / SCHOLARSHIPS / PRIZES

*In chronological order starting with most recent, list all academic or research or community recognition as awards, prizes, scholarships, fellowships etc. Include Secondary School.*

For each item include:

- ✓ Full name of award / prize /scholarship
- ✓ **Date – month and year awarded**
- ✓ Duration of the award
- ✓ **A brief description of the award: i.e. what was for why did you receive it.**
- ✓ Dean's commendations can be listed again here even if already listed under education.

**Don't skimp!**



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# EMPLOYMENT HISTORY

*In chronological order, starting with most recent **list all 'relevant' employment.***

**'Relevant' means to include positions that demonstrate responsibility, academic excellence (e.g. tutoring), leadership or leadership potential, initiative and special skills.**

*Include for each entry (if possible):*

- ✓ dates of employment;
- ✓ title of position,
- ✓ name of employer,
- ✓ main duties or accountabilities,
- ✓ achievements connected to that employment i.e. did you win an award or was it instrumental in a subsequent position
- ✓ skills that led to subsequent employment or opportunities



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# Good Luck!



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# Welcome our speakers

Samuel X Tan

Nick Newcomb

Chloe Yap

Cody Frear