



MEDI3900

Research Experience and Training

Session 2, Special circumstance 2020

Medicine, Health and Human Sciences Faculty level units

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>General Assessment Information</u>	2
<u>Assessment Tasks</u>	4
<u>Delivery and Resources</u>	6
<u>Unit Schedule</u>	7
<u>Policies and Procedures</u>	7
<u>Changes from Previous Offering</u>	9

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Angela Laird

angela.laird@mq.edu.au

Credit points

10

Prerequisites

(130cp at 1000 level or above) and permission by special approval

Corequisites

Co-badged status

Unit description

This unit will provide you with an insight into how research is conducted and research experience through an online placement within a Faculty of Medicine, Health and Human Sciences research team. You will develop research skills and contribute to a research project under the supervision of a researcher within the Faculty. You will also develop your scientific communication skills allowing you to confidently discuss and present scientific methodology and findings. This unit is subject to a quota. Limited places are available. Please refer to the Faculty for further information.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Describe main fields of contemporary medical and health-related research.

ULO3: Critique and review medical and health-related research methods and/or data.

ULO2: Perform research under supervision.

ULO4: Evaluate scientific literature and relate to medical and health-related research data collected.

General Assessment Information

Grade descriptors and other information concerning grading are contained in Schedule 1 of the Macquarie University Assessment Policy, which is available at: <https://staff.mq.edu.au/work/strat>

[egy-planning-and-governance/university-policies-and-procedures/policies/assessment](#).

Further details for each assessment task will be available on iLearn.

All final grades are determined by a grading committee and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade plus a Standardised Numerical Grade (SNG). The SNG is not necessarily a summation of the individual assessment components. The final grade and SNG that are awarded reflect the corresponding grade descriptor in the Grading Policy.

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes, attempt all assessment tasks, meet any ungraded requirements including professionalism and achieve an SNG of 50 or better.

Student Professionalism

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability embedded in all our courses. As part of developing professionalism, students are expected to complete all online activities and attend all small group interactive sessions and lectures.

Students who do not maintain adequate attendance and engagement (greater than or equal to 80% of scheduled classes/activities) may be deemed unable to meet expectations regarding professionalism and may be referred for disciplinary action (which may include exclusion from assessments and unit failure).

Similarly, as part of developing professionalism, students are expected to submit all work by the due date. Applications for assessment task extensions must be supported by appropriate evidence and submitted via [ask.mq.edu.au](#). For further details please refer to the Special Consideration Policy available at <https://students.mq.edu.au/study/my-study-program/special-consideration>

Submission of assignments

All written assignments are to be submitted in Turnitin. The marking rubric is contained within the Turnitin submission system. Instructions on submitting assignments and how to access marks and feedback through Turnitin are available through this link: [Turnitin](#).

Late Submission

All assignments that are officially received after the due date, and where no extension or special consideration has been granted, will incur a deduction of 5% per day, including weekends and public holidays and the actual day received. This will continue up until 10 days after due date, after which the assignment will not be accepted. For example:

Due date	Received	Days late	Deduction	Raw mark	Final mark
----------	----------	-----------	-----------	----------	------------

Friday 14th	Monday 17th	3	15%	75%	60%
-------------	-------------	---	-----	-----	-----

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Research proposal</u>	25%	No	Week 4
<u>Graphical abstract</u>	25%	No	Week 9
<u>Research Engagement</u>	25%	No	Ongoing assessment, log book due Week 11
<u>Poster Presentation and Discussion</u>	25%	No	Week 13

Research proposal

Assessment Type ¹: Report

Indicative Time on Task ²: 15 hours

Due: **Week 4**

Weighting: **25%**

Research proposal based on the research placement.

On successful completion you will be able to:

- Describe main fields of contemporary medical and health-related research.
- Evaluate scientific literature and relate to medical and health-related research data collected.

Graphical abstract

Assessment Type ¹: Professional writing

Indicative Time on Task ²: 15 hours

Due: **Week 9**

Weighting: **25%**

Creation of a graphical abstract of the work of a peer.

On successful completion you will be able to:

- Describe main fields of contemporary medical and health-related research.
- Critique and review medical and health-related research methods and/or data.

Research Engagement

Assessment Type ¹: Log book

Indicative Time on Task ²: 5 hours

Due: **Ongoing assessment, log book due Week 11**

Weighting: **25%**

Engagement in your online research placement, including documentation of research activities in a laboratory book or research diary and participation in research activities and discussion.

On successful completion you will be able to:

- Describe main fields of contemporary medical and health-related research.
- Perform research under supervision.
- Evaluate scientific literature and relate to medical and health-related research data collected.

Poster Presentation and Discussion

Assessment Type ¹: Poster

Indicative Time on Task ²: 20 hours

Due: **Week 13**

Weighting: **25%**

A poster presentation on the research activities undertaken during your online placement and engagement in discussion with peers of own and others research activities.

On successful completion you will be able to:

- Describe main fields of contemporary medical and health-related research.
- Critique and review medical and health-related research methods and/or data.
- Perform research under supervision.
- Evaluate scientific literature and relate to medical and health-related research data collected.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Delivery

The research placements make up the majority of contact hours within this unit. The remaining hours are delivered through a co-location model with the Research Placement Units offered within the Masters of Research (MEDI7041 and MEDI7042) and Bachelor of Clinical Sciences (MEDI3901). Learning activities, outcomes and assessments differ between the different cohorts but co-locating these units allows candidates to participate in peer activities relevant to research engagement such as research discussions, presentations and critique.

Technology Used

Completion of online training and learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

Online training modules and laboratory inductions

COVID19 update: MEDI3900 will be delivered online in Session 2, 2020. For this reason practical laboratory inductions will not be required. Other online training modules may be required for each individual research project.

Recommended Readings

Details of recommended readings will be provided by supervisors in the host research group. Students should use this material to actively seek further reading through searching the current literature (e.g. research articles and reviews) using tools such as PubMed, Scopus, and/ or GoogleScholar. This material should supplement and extend their understanding of the research topic, and assist in preparation of assessed material.

Research Documentation

Students should keep a laboratory lab book or log for documentation of their day-to-day work, including details such as experimental methods, observations, results and results analysis, and conclusions. This document serves as an important written record in research and may be used to guide future work in your host group. This documentation will remain the property of the research group at the end of the placement.

Unit Schedule

Week 1. Unit Introduction

Introduction to the unit and selection of research projects.

Weeks 2 to 11. Research Placement.

It is expected that each week at least 5 hours will be spent engaged in research activities, including data generation, data analysis, learning through critical review of literature, and participating in research group discussions. Research activities will be conducted under the supervision of a staff researcher with possible assistance from a senior PhD student. Students will either assist with a currently running project, or conduct a small independent project (at the discretion of the laboratory head).

Classes

Classes will not be held every week as the majority of the hours for this unit will be spent in your research placement setting. Learning opportunities for scientific communication may be held to assist in completing the assessment tasks.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Students seeking more policy resources can visit the [Student Policy Gateway \(https://students.mq.edu.au/support/study/student-policy-gateway\)](https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit <ask.mq.edu.au> or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Learning Skills

Learning Skills (<mq.edu.au/learningskills>) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at <ask.mq.edu.au>

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#).

The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

In Session 2, 2020 MEDI3900 will not include face-to-face research activities due to current University guidelines on learning and teaching activities in response to COVID19 conditions. Research projects will involve online research experiences.