



CHIR921

Topics in Chiropractic 1

S1 Day 2016

Dept of Chiropractic

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Disclaimer

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General Information

Unit convenor and teaching staff

Unit Convenor

Peter Tuchin

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Contact via peter.tuchin@mq.edu.au

C5C 342

MON 10-12; WED 10-12; FRI 10-12

Ben Brown

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Credit points

4

Prerequisites

CHIR918 and CHIR919

Corequisites

Co-badged status

Unit description

This unit incorporates studies in developing research methodology and conducting research, plus professional studies. It facilitates the development of skills which are fundamental to both the establishment and successful running of a chiropractic practice. The unit comprises: 1. Lecture sessions covering professional topics such as medical ethics, law and jurisprudence, business and communication skills. 2. A substantial research project including critical evaluation of clinical literature.

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:

Apply a knowledge of research design to analyse, interpret and critique journal articles

Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.

Gain an understanding of Biostatistics and how chiropractors apply this field for research

Apply a knowledge of research design to ethical considerations

General Assessment Information

Examinations

The University Examination period for 1st semester 2016

You are expected to present yourself for examination at the time and place designated in the University Examination Timetable. The timetable will be available in Draft form approximately eight weeks before the commencement of the examinations and in Final form approximately four weeks before the commencement of the examinations. <http://www.timetables.mq.edu.au/exam>

Disruption to Studies Policy - what is it? http://students.mq.edu.au/student_admin/exams/disruption_to_studies/

The University recognises that students may experience disruptions that adversely affect their academic performance in assessment activities. Support Services are provided by the University to assist students through their studies. Whilst advice and recommendations may be made to a student, it is ultimately the student's responsibility to access these services as appropriate.

The Disruption to Studies Policy applies only to serious and unavoidable disruptions that arise after a study period has commenced. The full Disruption to Studies Policy can be found [here](#).

Serious and Unavoidable Disruption: The University classifies a disruption as **serious and unavoidable** if it:

- could not have reasonably been anticipated, avoided or guarded against by the student; and
- was beyond the student's control; and
- caused substantial disruption to the student's capacity for effective study and/or completion of required work; and
- occurred during an event critical study period and was at least three (3) consecutive days duration, and / or
- prevented completion of a final examination.

Students with a pre-existing disability/health condition or prolonged adverse circumstances may be eligible for ongoing assistance and support. Such support is governed by other policies and may be sought and coordinated through [Campus Wellbeing and Support Services](#).

Returning Assessment Task

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1. Presentations will be marked in class and feedback given.
2. The final report and final theory examination: Papers will not be returned. Marks will be incorporated into the final unit grade.

3. ALL ASSIGNMENTS SHOULD BE SUBMITTED THROUGH TURNITIN

Extensions and penalties

Extensions to assignments are at the discretion of the unit convenor. It is your responsibility to prove to the convenor that there has been unavoidable disruption. Marks will be deducted for late submissions in the absence of an approved extension.

Grades

Achievement of grades will be based on the following criteria:

High Distinction: provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application.

Distinction: provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.

Credit: provides evidence of learning that goes beyond replication of content knowledge or skills relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; plus communication of ideas fluently and clearly in terms of the conventions of the discipline.

Pass: provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; and communication of information and ideas adequately in terms of the conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes.

Fail: does not provide evidence of attainment of all learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; and incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline. In addition a fail grade will be awarded in the event of inadequate tutorial attendance by the candidate, reflecting failure to complete the unit satisfactorily.

Sometimes it helps to 'translate' these descriptions into numbers. So, what we expect from you in this unit, in order for you to attain a specific grade, is outlined below:

NOTE: students must pass the final exam and the unit overall.

Grade	Percentage
Fail	<50%

Pass	50 – 64%
Credit	65 - 74%
Distinction	75 - 84%
High Distinction	85 - 100%

Student Support Services

Macquarie University provides a range of Academic Student Support Services. Details of these services can be accessed at <http://www.student.mq.edu.au>

Policies

Macquarie is developing a number of policies in the area of learning and teaching. Approved policies and associated guidelines and procedures can be found at Policy Central: <http://www.mq.edu.au/policy/>

There you will find the University's policy and associated procedures on:

- Assessment
- Feedback and unit evaluation
- Special Consideration
- Appeal Against Final Grade Policy / Procedures / Guidelines
- Plagiarism

In this unit you will receive a range of verbal and written feedback on your assessment tasks and work in class or online.

To monitor how successful we are in providing quality teaching and learning, the Department of Chiropractic also seeks feedback from you. One of the key formal ways students have to provide feedback is through unit and teacher evaluation surveys. The feedback is anonymous and provides the Department with evidence of aspects that students are satisfied with and areas for improvement. At present, the Department is prioritising feedback in the areas of assessment and feedback.

Assessment Tasks

Name	Weighting	Due
<u>Preliminary lit review</u>	30%	wk 4- 25.4.16
<u>Submission of research paper</u>	30%	mon 13.6.16
<u>Theory exam</u>	40%	exam period

Preliminary lit review

Due: **wk 4- 25.4.16**

Weighting: **30%**

Submission of preliminary literature review report

On successful completion you will be able to:

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Apply a knowledge of research design to ethical considerations

Submission of research paper

Due: **mon 13.6.16**

Weighting: **30%**

submission of research paper based on project from CHIR 921

On successful completion you will be able to:

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Apply a knowledge of research design to ethical considerations

Theory exam

Due: **exam period**

Weighting: **40%**

final theory examination of research and Biostatistics

On successful completion you will be able to:

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Gain an understanding of Biostatistics and how chiropractors apply this field for research

Delivery and Resources

WEEK	Date	Topic	Content
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1	Mon 29.2.16	Introduction to CHIR 922 and research	Research principles and examples of significant chiropractic research
2	Mon 7.3.16	Case studies and case series	Discussion of case studies and case series in chiropractic
3	Mon 14.3.16	Cohort studies	Discussion of cohort studies in chiropractic
4	Mon 21.3.16	Prospective studies	Discussion of prospective studies in chiropractic
5	Mon 28.3.16	PUBLIC HOLIDAY	No lecture
6	Mon 4.4.16	Randomised controlled trials	Discussion of RCT studies in chiropractic
	Mon 11.4.16 – Tues 26.4.16	MID SEMESTER BREAK	Week 7 – no lecture (Public holiday)
8	Mon 2.5.16	Biostatistics	Discussion of common statistics used in research
9	Mon 9.5.16	Biostatistics	Discussion of common statistics used in research
10	Mon 16.5.16	Biostatistics	Discussion of common statistics used in research
11	Mon 23.5.16	Systematic literature reviews	Discussion of SLR studies in chiropractic
12	Mon 30.5.16	Completion of chiropractic research project	Discussion of research projects in chiropractic
13	NO CLASSES		

Unit Schedule

to be updated in week 1

Learning and Teaching Activities

lectures

lectures from staff and invited guests

tutorials

discussion of research papers and relevance in tutorial/project groups

private reading

review of research published on specified topics

writing scientific papers

completion of a paper which may be suitable for publication

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

New Assessment Policy in effect from Session 2 2016 http://mq.edu.au/policy/docs/assessment/policy_2016.html. For more information visit http://students.mq.edu.au/events/2016/07/19/new_assessment_policy_in_place_from_session_2/

Assessment Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy prior to Session 2 2016 <http://mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Complaint Management Procedure for Students and Members of the Public http://www.mq.edu.au/policy/docs/complaint_management/procedure.html

Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of 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/support/student_conduct/

Results

Results shown in *iLearn*, 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.

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 improve your marks and take control of your study.

- [Workshops](#)

- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

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

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.

Graduate Capabilities

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

Learning outcomes

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Gain an understanding of Biostatistics and how chiropractors apply this field for research

Assessment task

- Theory exam

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Gain an understanding of Biostatistics and how chiropractors apply this field for research
- Apply a knowledge of research design to ethical considerations

Assessment tasks

- Submission of research paper
- Theory exam

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcomes

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet resources for accessing Chiropractic and health literature.
- Apply a knowledge of research design to ethical considerations

Assessment tasks

- Preliminary lit review
- Submission of research paper

PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Learning outcomes

- Apply a knowledge of research design to analyse, interpret and critique journal articles
- Write papers suitable for publication in scientific journals and use library and internet

resources for accessing Chiropractic and health literature.

Assessment tasks

- Preliminary lit review
- Submission of research paper

PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcome

- Gain an understanding of Biostatistics and how chiropractors apply this field for research

Assessment tasks

- Preliminary lit review
- Submission of research paper

PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

Learning outcomes

- Gain an understanding of Biostatistics and how chiropractors apply this field for research
- Apply a knowledge of research design to ethical considerations

Assessment tasks

- Preliminary lit review
- Theory exam