



PSYN8841

Clinical Neuropsychopharmacology

Session 1, Weekday attendance, North Ryde 2020

Department of Psychology

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General Information

Unit convenor and teaching staff

Jennifer Cornish

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Jennifer Batchelor

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Credit points

10

Prerequisites

Admission to MClinNeuro

Corequisites

Co-badged status

The first 5 weeks of this unit is also completed by PSYC8987

Unit description

This unit provides an overview of the basic principles of neuropharmacology with particular emphasis on the disorders seen in the clinical practice of neuropsychologists and clinical psychologists. It begins with a review of basic principles and then covers the major neurotransmitter systems and how they are disordered in brain injury and psychological disorders such as depression, schizophrenia and the anxiety disorders.

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: Demonstrate knowledge of the neuropharmacology of common psychological disorders and pharmacotherapies for these disorders.

ULO2: Critically evaluate research literature and theoretical issues relevant to psychopharmacology.

ULO3: Effectively communicate concepts in psychopharmacology using information technology and in written and oral formats.

ULO4: Demonstrate self-awareness through identifying and setting targets for time

management of assessment completion

ULO5: Critically evaluate the relevance and accuracy of neuroscience data in order to formulate evidence based arguments

Assessment Tasks

Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult [iLearn](#) for revised unit information.

[Find out more about the Coronavirus \(COVID-19\) and potential impacts on staff and students](#)

Delivery and Resources

Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19.

Please check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

Content is to be delivered in weekly lectures. Fundamental information can be sourced from B.E. Leonard, Fundamentals of Psychopharmacology - available on-line from the library. Other reading information to support your learning will be provided during lectures.

Unit Schedule

Coronavirus (COVID-19) Update

The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult [iLearn](#) for latest details, and check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

How unit is taught: Each week the biological bases for neuropsychological disorders will be presented and discussed. Contemporary research literature on a given topic will be presented and discussed.

Weekly list of topics to be covered:

Week 1(Feb 24th): Review of basic physiological & pharmacology, Drug Abuse

Week 2(March 2nd): Anxiety Disorders

Week 3(March 9th): Depression

Week 4(March 16th): Psychosis

Week 5(March 23th): In class examination (on week 1-4 inclusive)

Week 6(March 30th): Neurogenesis & Neuroplasticity

Week 7(April 6th): Alzheimer's Disease

SESSION BREAK

Week 8(April 27th): Student Presentations

Week 9(May 4th): Student Presentations

Week 10(May 11th): Student Presentations

Week 11(May 18st): Student Presentations

Week 12(May 25th): Parkinson's Disease (ESSAYS DUE this Friday May 29th)

Week 13(June 1st): Reading Week – no class

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](http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<http://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.