



# PSYN917

## Neuropsychological Practice

S2 Day 2019

*Department of Psychology*

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## General Information

Unit convenor and teaching staff

Unit Convenor

Jennifer Batchelor

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Heather Francis

[heather.francis@mq.edu.au](mailto:heather.francis@mq.edu.au)

Credit points

4

Prerequisites

Admission to MCl Neuro and PSYN840 and PSYN855 and PSY853

Corequisites

Co-badged status

Unit description

This unit builds on material taught in PSYN840, PSYN855, and PSYN853 and encourages students to consider the range of issues that can impact on cognitive test performance. Issues fundamental to differential diagnosis will be explored. Students are exposed to complex areas of clinical practice such as mTBI. Various secondary influences on neuropsychological functioning including depressive disorders, trauma-related disorders, and anxiety disorders are detailed. Issues specific to working with elderly patients are considered and the neuropsychology of neurodegenerative disorders is detailed.

## 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 neuropsychological knowledge to conduct sophisticated differential diagnosis

Understand the neuropathology and neuropsychology of various neurological syndromes

Understand how different psychological tests contribute to neuropsychological formulations

Understand the process of cognitive and clinical neuropsychological formulation

Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions

Competently undertake case formulation and report writing for different audiences

## Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Dementia Report</u>	50%	No	3/9/19
<u>mTBI report.</u>	50%	No	29/10/19

### Dementia Report

Due: **3/9/19**

Weighting: **50%**

Case formulation, differential diagnosis

On successful completion you will be able to:

- Apply neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the neuropathology and neuropsychology of various neurological syndromes
- Understand how different psychological tests contribute to neuropsychological formulations
- Understand the process of cognitive and clinical neuropsychological formulation
- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

### mTBI report.

Due: **29/10/19**

Weighting: **50%**

Case formulation - differential diagnosis

On successful completion you will be able to:

- Apply neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the neuropathology and neuropsychology of various neurological syndromes
- Understand how different psychological tests contribute to neuropsychological formulations
- Understand the process of cognitive and clinical neuropsychological formulation

- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

## Delivery and Resources

Lectures 12 x 3 hours

## Unit Schedule

Week 1: 30/7/19 Barney Casey: Cognitive Changes Associated with Ageing and Mild Cognitive Impairment (a precursor to dementia?)

Week 2: 6/8/19 Barney Casey: Cortical Dementias-Alzheimer's Disease, Posterior Cortical Atrophy, the Progressive Aphasias and FrontoTemporal Dementia

Week 3: 13/8/19 Tanya Lye: "Subcortical" Dementia

Week 4: 20/8/19 Tanya Lye: Atypical Parkinsonian Syndromes

Week 5: 27/8/19 Tanya Lye: Differential Diagnosis in Dementia

Week 6: 3/9/19 Sue Meares: Mild Traumatic Brain Injury

Week 7: 10/9/19 Heather Francis: Autoimmune Disorders

Week 8: 1/10/19 Carly Johnco: Counselling

Week 9: 8/10/19 Heather Francis: Introduction to the DSM-V and Depressive Disorders

Week 10: 15/10/19 Heather Francis: Anxiety Disorders and Trauma

Week 11: 23/10/19 Heather Francis: Behavioural management and recommendations

Week 12: 29/10/19 Jenny Batchelor: Epilepsy

Week 13: 5/11/19 Jenny Batchelor: Differential Diagnosis

## 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.)

Undergraduate 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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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](http://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](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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 neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand how different psychological tests contribute to neuropsychological formulations
- Understand the process of cognitive and clinical neuropsychological formulation
- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

#### Assessment tasks

- Dementia Report
- mTBI report.

### 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 neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the neuropathology and neuropsychology of various neurological syndromes
- Understand how different psychological tests contribute to neuropsychological

formulations

- Understand the process of cognitive and clinical neuropsychological formulation
- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

## **Assessment tasks**

- Dementia Report
- mTBI report.

## **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 neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the neuropathology and neuropsychology of various neurological syndromes
- Understand how different psychological tests contribute to neuropsychological formulations
- Understand the process of cognitive and clinical neuropsychological formulation
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## **Assessment tasks**

- Dementia Report
- mTBI report.

## **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 neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the neuropathology and neuropsychology of various neurological syndromes
- Understand how different psychological tests contribute to neuropsychological formulations
- Understand the process of cognitive and clinical neuropsychological formulation
- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

## **Assessment tasks**

- Dementia Report
- mTBI report.

## **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 outcomes**

- Apply neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand the process of cognitive and clinical neuropsychological formulation
- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

## **Assessment tasks**

- Dementia Report
- mTBI report.

## **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**

- Apply neuropsychological knowledge to conduct sophisticated differential diagnosis
- Understand how different psychological tests contribute to neuropsychological formulations
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- Understanding major psychiatric diagnoses and the neuropsychological sequelae of those conditions
- Competently undertake case formulation and report writing for different audiences

## **Assessment tasks**

- Dementia Report
- mTBI report.