



# PSYN847

## Neuropsychological Rehabilitation and Intervention

S2 Day 2018

*Department of Psychology*

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## General Information

Unit convenor and teaching staff

Unit Convenor

Melanie Porter

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Jamie Berry

[jamie.berry@mq.edu.au](mailto:jamie.berry@mq.edu.au)

Credit points

4

Prerequisites

Admission to MCLinNeuro or MCLinPsych

Corequisites

Co-badged status

Unit description

This unit offers an introduction to: developmental and acquired brain impairment and how this can affect day to day functioning; emotional and psychological reactions to brain impairment; the neuropsychologist's role in intervention; recovery and rehabilitation following acquired brain impairment; models and theories of rehabilitation; and developing and evaluating intervention programs. The unit covers both child and adult neuropsychological intervention.

## 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:

To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment

To provide better knowledge and understanding of the neuropsychologist's role in rehabilitation/intervention

To provide better knowledge and understanding of various models and approaches of intervention

To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team

To learn how to set functional intervention goals

Understanding the importance of a holistic approach to intervention

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Case description</a>	10%	No	See iLearn Unit
<a href="#">GAS Goals &amp; Intervention List</a>	20%	No	See iLearn
<a href="#">Student critical presentation</a>	30%	No	See iLearn
<a href="#">Comprehensive intervention</a>	40%	No	See iLearn

### Case description

Due: **See iLearn Unit**

Weighting: **10%**

Case description

On successful completion you will be able to:

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

### GAS Goals & Intervention List

Due: **See iLearn**

Weighting: **20%**

Scaled GAS goals and list of intervention strategies that may be used to target those goals

On successful completion you will be able to:

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

## Student critical presentation

Due: **See iLearn**

Weighting: **30%**

Critical presentation of literature pertinent to one (preferably the main) aspect of your proposed intervention

On successful completion you will be able to:

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

## Comprehensive intervention

Due: **See iLearn**

Weighting: **40%**

Integrated and comprehensive intervention plan

On successful completion you will be able to:

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

## Delivery and Resources

This unit consists of a series of seminars and applied activities. There is a recommended text for this unit: Wilson, B., Winegardner, J., Van Heugten, C. & Ownsworth, T. (2017). *Neuropsychological Rehabilitation: The International Handbook*. NY: Routledge.

A list of recommended and supplemental reading materials will also be provided for each session.

## 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 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](http://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](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)

## 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

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

#### Assessment tasks

- Case description
- GAS Goals & Intervention List
- Student critical presentation
- Comprehensive intervention

### 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

- To provide better knowledge and understanding of direct and indirect effects of CNS/ brain impairment
- To provide better knowledge and understanding of of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of

intervention

- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

## **Assessment tasks**

- Case description
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## **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**

- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

## **Assessment tasks**

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## **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 outcome**

- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team

### **Assessment tasks**

- Case description
- GAS Goals & Intervention List
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## **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**

- To provide better knowledge and understanding of various models and approaches of intervention
- To provide better knowledge and understanding of how to design, implement and evaluate neuropsychological intervention programs within the context of a multi-disciplinary team
- To learn how to set functional intervention goals
- Understanding the importance of a holistic approach to intervention

### **Assessment tasks**

- Case description
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## **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**

- To provide better knowledge and understanding of the neuropsychologist's role in rehabilitation/intervention
- To provide better knowledge and understanding of various models and approaches of intervention
- Understanding the importance of a holistic approach to intervention

## **Assessment tasks**

- Case description
- GAS Goals & Intervention List
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