PSYN811

Cognitive Neuropsychology

S2 Day 2014

Psychology

Contents

General Information

Unit convenor and teaching staff
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Convenor
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Credit points
4

Prerequisites
Admission to MClinNeuro or DClinNeuro

Corequisites

Co-badged status

Unit description
This unit introduces students to cognitive neuropsychological theory and its application to the assessment and treatment of acquired and developmental disorders of cognition. They are familiarised with cognitive neuropsychological models that represent theories of normal cognitive processing. A diverse range of cognitive domains is covered including spoken language, reading, spelling, attention, memory and belief formation. The unit includes a number of lectures focused on clinical aspects of cognitive neuropsychology, and provides skills in the application of cognitive neuropsychological theories and methods to assessment and treatment in clinical practice.

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:

1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
3. The expert lectures about an area of cognitive neuropsychology will provide student with overview of impairments in different cognitive domains.
4. Practical guidance is provided for an assessment model of reading.

Assessment Tasks

Name	Weighting	Due
Assessment Task 1	30%	06/10/14
Assessment Task 2	10%	11/11/2014
Assessment Task 3	60%	Week 13/14
Assessment Task 4	0%	Throughout Semester

Assessment Task 1

Due: **06/10/14**
Weighting: **30%**

The students will receive a selection of journal articles of several different clinical case studies. Students can make a choice, and discuss one of those articles critically.

On successful completion you will be able to:

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.

- 4. Practical guidance is provided for an assessment model of reading.

Assessment Task 2

Due: **11/11/2014**
Weighting: **10%**

Based on Assignment 1, this oral presentation shall give students the opportunity to present the case study they discussed in great detail in written form, as a concise 5-10 minutes presentation in class. This practice is sought to prepare the graduate for case conferences that are common in clinical practice.

On successful completion you will be able to:

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
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- 4. Practical guidance is provided for an assessment model of reading.

Assessment Task 3

Due: **Week 13/14**
Weighting: **60%**

In a 1:1 setting (student - lecturer), 18 questions will be posed to the student, that cover all lecture topics taught throughout the semester. This examination is sought be held as an in-depth conversation, in which the student can demonstrate her/his overall knowledge about 'Cognitive Neuropsychology'.

On successful completion you will be able to:

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
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- 3. The expert lectures about an area of cognitive neuropsychology will provide student with overview of impairments in different cognitive domains.
- 4. Practical guidance is provided for an assessment model of reading.

Assessment Task 4

Due: **Throughout Semester**

Weighting: **0%**

The graduate is expected to attend at least 80% of the weekly face-to-face lectures.

On successful completion you will be able to:

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
- 3. The expert lectures about an area of cognitive neuropsychology will provide student with overview of impairments in different cognitive domains.

Delivery and Resources

Technologies used: This unit has an online presence on iLearn. Students are required to download lecture slides prior to each lecture. Students are required to have access to a computer with a fast broadband connection. Online access to MQ library.

Resources: Each week, experts will be delivering a presentation. Guest lecturers will provide lecture slides that will be available on iLearn one day prior to the lecture. Additionally, recommended readings will be provided as links to the online MQ library on iLearn. Echo will be used to audio and video record lectures for online use.

Unit Schedule

Lecture Programme 2014, Semester 2, Tuesdays, 9 - 11 am, Room W5C 310.

Week	Date	Topic	Lecturer
1	Aug 5	Introduction: What is cognitive neuropsychology?	Britta Biedermann
2	Aug 12	Spoken language production and the aphasias	Britta Biedermann
3	Aug19	Reading and the dyslexias I	Anne Castles
4	Aug 26	Reading and the dyslexias II	Anne Castles
5	Sep 2	Memory and the amnesias	Greg Savage
6	Sep 9	Autism and theory of mind	John Brock

7	Sep 16	Assessment Models of Acquired Cognitive Disorders	Britta Biedermann
-	Sep 23	**Break**	
-	Sep 30	**Break [Assignment 1 due, October 6]**	
8	Oct 7	Attention and neglect	Anina Rich
9	Oct 14	Face and object recognition and the agnosias	Mark Williams
10	Oct 21	Cognitive neuropsychological approaches to rehabilitation I	Lyndsey Nickels
11	Oct 28	Cognitive neuropsychological approaches to rehabilitation II	Nora Fieder
12	Nov 4	Cognitive neuropsychiatry	Vince Polito
13	Nov 11	Case study presentation (5min, 1 slide)	Britta Biedermann
-	Nov 18	Oral Examination week	

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

Assessment Policy http://mq.edu.au/policy/docs/assessment/policy.html

Grading Policy http://mq.edu.au/policy/docs/grading/policy.html

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

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.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/

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://informatics.mq.edu.au/help/.

When using the University's IT, you must adhere to the Acceptable Use Policy. The policy applies to all who connect to the MQ network including students.

Graduate Capabilities

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

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.

- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
- 3. The expert lectures about an area of cognitive neuropsychology will provide student with overview of impairments in different cognitive domains.
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Assessment tasks

- Assessment Task 1
- Assessment Task 2
- Assessment Task 3
- Assessment Task 4

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

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
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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 outcomes

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
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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

- 1. Learn about cognitive models of reading, vision, autism,neuropsychiatry, spoken language, written language, memory.
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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

- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
- 4. Practical guidance is provided for an assessment model of reading.

Assessment tasks

- Assessment Task 2
- Assessment Task 4

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

- 2. Apply principles of psychological assessment in clinical practice ; flexible hypothesis testing approach, learn different steps of assessments in order to answer a referral question.
- 4. Practical guidance is provided for an assessment model of reading.

Assessment tasks

- Assessment Task 1
- Assessment Task 2
- Assessment Task 3
- Assessment Task 4