PSYN811

Cognitive Neuropsychology

S2 Day 2017

Department of Psychology

Contents

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff
Unit convenor
Teresa Schubert
teresa.schubert@mq.edu.au
Contact via email
AHH 3.741
by appointment

Jasmina Vrankovic
jasmina.vrankovic@mq.edu.au

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:

Describe the key methods and assumptions of cognitive neuropsychology

Explore and compare cognitive frameworks across domains: reading, spelling, spoken

language, vision, attention, neuropsychiatry, memory, etc.

Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment

Critically evaluate assessment plans and published case study reports

General Assessment Information

Penalties will be levied for late submission of the written assignment unless the student has sought permission for an extension. The penalty for late submissions for the written assignment is 5% of the maximum mark for every day late.

If an extension on your assignment is required for medical or other extenuating circumstances, students may request this in writing: https://ask.mq.edu.au/account/user/login?referer=/account/forms/display/special_consideration/ Supporting documentary evidence must be provided. All requests for extensions must be made prior to the due date for the assignment. If an extension is granted, the approval must be included attached to the assessment submission to avoid any late penalty.

A copy of the assignment should be kept as proof that the assignment was completed and submitted.

Assessment Tasks

Name	Weighting	Hurdle	Due
Glossary entries	5%	No	Throughout semester
Written case critique	35%	No	27 Sep, 11:59pm
Final oral examination	60%	No	Week 14

Glossary entries

Due: **Throughout semester**
Weighting: **5%**

A unit glossary will be developed throughout the semester to aid in your study and practice for the final examination. Each student will select one week of the session for which they will write 2-3 glossary entries. For your week, after attending lecture and doing any associated readings, you should submit your entries through the iLearn Glossary activity. They are due prior to the subsequent class meeting. A sign up sheet will be available in the first class meeting to allow students to sign up for their week.

On successful completion you will be able to:

• Describe the key methods and assumptions of cognitive neuropsychology

• Explore and compare cognitive frameworks across domains: reading, spelling, spoken

language, vision, attention, neuropsychiatry, memory, etc.

Written case critique

Due: **27 Sep, 11:59pm**
Weighting: **35%**

For this written assignment you will select a published cognitive neuropsychology article from a recommended selection and write a case critique and summary. Further details will be provided in class.

On successful completion you will be able to:
  • Explore and compare cognitive frameworks across domains: reading, spelling, spoken language, vision, attention, neuropsychiatry, memory, etc.
  • Critically evaluate assessment plans and published case study reports

Final oral examination

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

The final examination is an oral exam, conducted one-on-one with the unit convenor. All lecture topics will be covered through questions posed to the student, which will vary in difficulty. Individual session times for the oral examination will be discussed in consultation with you after the semester break.

On successful completion you will be able to:
  • Describe the key methods and assumptions of cognitive neuropsychology
  • Explore and compare cognitive frameworks across domains: reading, spelling, spoken language, vision, attention, neuropsychiatry, memory, etc.
  • Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment

Delivery and Resources

There is no set textbook for the course, though the book *A Cognitive Neuropsychological Approach to Assessment and Intervention in Aphasia: A Clinician's Guide* by Whitworth, Webster, & Howard is a good reference. (Available online via the library.) Readings will be recommended for each week- either strongly recommended (key to topics) or optional (tangents, related topics, more information). A list of the readings can be found on iLearn each week.

The main reference will be the iLearn web page, which can be accessed at http://learn.mq.edu.au. It will be updated throughout the semester with lecture notes, readings, etc, so check it regularly. This is also where you will find the unit schedule and readings for each week.

Unit Schedule

Provisional schedule of topics (see iLearn for most-updated version).

Week	Lecture date	Topic	Lecturer
1	1 Aug	Intro/What is cognitive neuropsychology	Schubert
2	8 Aug	Reading & the dyslexias I	Schubert
3	15 Aug	Reading & the dyslexias II	Schubert
4	22 Aug	Spoken language & the aphasias	Dr Solène Hameau
5	29 Aug	Cogneuropsy approaches to rehabilitation I	Dr Lyndsey Nickels
6	5 Sep	Spelling & the dysgraphias	Schubert
7	12 Sep	Cogneuropsy approaches to rehabilitation II	Dr Saskia Kohnen
8	3 Oct	Assessment model practise	Schubert
9	10 Oct	Memory & the amnesias	Dr Greg Savage
10	17 Oct	Attention & neglect	Dr Anina Rich
11	24 Oct	Cognitive neuropsychiatry	Dr Mariia Kaliuzhna
12	31 Oct	Face/object recognition & the agnosias	Dr Kim Curby
13	7 Nov	Intention & agency and its deficits	Dr Simmy Poonian

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_2016.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 (in effect until Dec 4th, 2017): http://www.mq.edu.au/policy/docs/disruption_studies/policy.html

Special Consideration Policy (in effect from Dec 4th, 2017): https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration

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 outcome

- Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment

Assessment task

- Final oral examination

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

- Describe the key methods and assumptions of cognitive neuropsychology
- Explore and compare cognitive frameworks across domains: reading, spelling, spoken language, vision, attention, neuropsychiatry, memory, etc.
- Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment

Assessment tasks

- Glossary entries
- Written case critique
- Final oral examination

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

- Explore and compare cognitive frameworks across domains: reading, spelling, spoken language, vision, attention, neuropsychiatry, memory, etc.

- Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment

Assessment tasks

- Glossary entries
- Written case critique
- Final oral examination

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

- Explore and compare cognitive frameworks across domains: reading, spelling, spoken language, vision, attention, neuropsychiatry, memory, etc.
- Select appropriate assessment tasks within a particular domain-specific cognitive framework; Integrate testing results to determine next steps for assessment
- Critically evaluate assessment plans and published case study reports

Assessment tasks

- Written case critique
- Final oral examination

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

- Describe the key methods and assumptions of cognitive neuropsychology
- Critically evaluate assessment plans and published case study reports

Assessment tasks

- Written case critique
- Final oral examination