SPH 810

Research Design in Speech Pathology

S1 Day 2017

Dept of Linguistics

Contents

Disclaimer

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General Information

Unit convenor and teaching staff Elisabeth Harrison elisabeth.harrison@mq.edu.au
Credit points 4
Prerequisites Admission to MSpchLngPath
Corequisites
Co-badged status
Unit description The focus of this unit is on knowledge about and development of research skills. The unit will cover reviewing and critiquing research, developing a research question, identifying appropriate designs to address research aims and questions, data collection and analysis, and preparing research for dissemination in professional contexts.

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:

Students will: • Critically evaluate the evidence base for clinical assessments and interventions and integrate the best evidence with the needs of individuals with communication and swallowing disabilities

• Formulate clinical and research questions that integrate knowledge of linguistics, psychology, neurology and physiology with specialised knowledge of communication and swallowing disabilities

• Integrate understanding of the University's ethical research standards with critical analysis of the risks and benefits of involving participants who have communication and swallowing disabilities

• Analyse, evaluate and apply research methodologies to problems in speech pathology, taking account of client complexities that include physical, mental, and sociocultural

characteristics (RPP 1, CBOS 5.7, 7.2)

• Critically engage with peers while developing and disseminating new information about contemporary speech pathology research

Assessment Tasks

Name	Weighting	Hurdle	Due
Critically appraised papers	25%	No	Week 5
Research proposal	50%	No	Week 11/12
Proposal presentation	25%	No	Week 13

Critically appraised papers

Due: **Week 5**
Weighting: **25%**

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On successful completion you will be able to:

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Research proposal

Due: **Week 11/12**
Weighting: **50%**

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Proposal presentation

Due: **Week 13**
Weighting: **25%**

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On successful completion you will be able to:
- • Analyse, evaluate and apply research methodologies to problems in speech pathology, taking account of client complexities that include physical, mental, and sociocultural characteristics (RPP 1, CBOS 5.7, 7.2)
- • Critically engage with peers while developing and disseminating new information about contemporary speech pathology research

Delivery and Resources

Recommended reading (both books are in Library Reserve):

Dollaghan, C. A. (2007). *The handbook for evidence-based practice in communication disorders*. Baltimore, MD: Paul H. Brookes. RC423 .D65 2007

Nelson, L. K. (2017). *Research in communication sciences and disorders: Methods for systematic inquiry* (3rd ed.)*. San Diego, CA: Plural. RC423 .N353 2017

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 outcomes

- Students will: • Critically evaluate the evidence base for clinical assessments and interventions and integrate the best evidence with the needs of individuals with communication and swallowing disabilities
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- • Critically engage with peers while developing and disseminating new information about contemporary speech pathology research

Assessment tasks

- Critically appraised papers
- Research proposal
- Proposal presentation

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

- Students will: • Critically evaluate the evidence base for clinical assessments and interventions and integrate the best evidence with the needs of individuals with communication and swallowing disabilities
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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

- Students will: • Critically evaluate the evidence base for clinical assessments and interventions and integrate the best evidence with the needs of individuals with communication and swallowing disabilities
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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

- • Formulate clinical and research questions that integrate knowledge of linguistics, psychology, neurology and physiology with specialised knowledge of communication and swallowing disabilities

- • Integrate understanding of the University's ethical research standards with critical analysis of the risks and benefits of involving participants who have communication and swallowing disabilities

- • Analyse, evaluate and apply research methodologies to problems in speech pathology, taking account of client complexities that include physical, mental, and sociocultural characteristics (RPP 1, CBOS 5.7, 7.2)

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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

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Assessment tasks

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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

- • Integrate understanding of the University's ethical research standards with critical analysis of the risks and benefits of involving participants who have communication and swallowing disabilities
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