SPH 810
Research Design in Speech Pathology

S1 Day 2017

Dept of Linguistics

Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information</td>
<td>2</td>
</tr>
<tr>
<td>Learning Outcomes</td>
<td>2</td>
</tr>
<tr>
<td>Assessment Tasks</td>
<td>3</td>
</tr>
<tr>
<td>Delivery and Resources</td>
<td>4</td>
</tr>
<tr>
<td>Policies and Procedures</td>
<td>4</td>
</tr>
<tr>
<td>Graduate Capabilities</td>
<td>6</td>
</tr>
</tbody>
</table>

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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://students.mq.edu.au/important-dates

Learning Outcomes

1. 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
2. • Formulate clinical and research questions that integrate knowledge of linguistics, psychology, neurology and physiology with specialised knowledge of communication and swallowing disabilities
3. • 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
4. • 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)
5. • Critically engage with peers while developing and disseminating new information about contemporary speech pathology research

**Assessment Tasks**

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critically appraised papers</td>
<td>25%</td>
<td>No</td>
<td>Week 5</td>
</tr>
<tr>
<td>Research proposal</td>
<td>50%</td>
<td>No</td>
<td>Week 11/12</td>
</tr>
<tr>
<td>Proposal presentation</td>
<td>25%</td>
<td>No</td>
<td>Week 13</td>
</tr>
</tbody>
</table>

**Critically appraised papers**

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

This Assessment Task relates to the following 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
- • 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)

**Research proposal**

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

This Assessment Task relates to the following 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

- 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)

Proposal presentation

Due: Week 13
Weighting: 25%

This Assessment Task relates to the following Learning Outcomes:
- 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):


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:


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/](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/](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 Enquiry Service**

For all student enquiries, visit Student Connect at ask.mq.edu.au

**Equity 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.
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
  • 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

- 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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- Critically appraised papers
- Research proposal
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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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psychology, neurology and physiology with specialised knowledge of communication and swallowing disabilities

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Assessment tasks

- Critically appraised papers
- Research proposal
- Proposal presentation

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)
- 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 - 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
- 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
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Assessment tasks
- Critically appraised papers
- Research proposal
- Proposal presentation

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

- Research proposal