



# KJ MCPHERSON EDUCATION & RESEARCH FOUNDATION

## RESEARCH PRIORITIES 2011/12

KEY RESEARCH AREAS	BENEFITS QAS / QEMSAC	BENEFITS FOR RECIPIENTS
<b>CLINICAL</b> <ol style="list-style-type: none"> <li>1. Management of acute respiratory events (e.g.: SARS, H5N1)</li> <li>2. Trauma management</li> <li>3. Ambulance management of acute mental health problems</li> <li>4. Clinical decision making</li> <li>5. Aero-medical management</li> </ol>	<p>Topics identified in this stream must demonstrate the capacity to contribute significantly to prehospital clinical practice, clinical quality improvement or understanding of the prehospital clinical operating environment.</p>	<p>Pursuit of a research question in a topical clinical issue will expose recipients to research methods of specific relevance to clinical research that are not usually applied in other fields of endeavour.</p> <p>In addition, recipients conducting this research may be exposed to other health professionals, creating the opportunity to develop a broader appreciation of inter-disciplinary thinking and practice.</p> <p>Projects in this domain should be of sufficient significance to influence organisational thinking on clinical practice issues and as such, will expose the recipient to the processes involved in facilitating organisational change.</p>
<b>EDUCATIONAL</b> <ol style="list-style-type: none"> <li>1. Educational delivery methods</li> <li>2. Professional development strategies</li> </ol>	<p>Topics identified in this stream must demonstrate the capacity to contribute significantly to the understanding of the prehospital educational environment and the learning opportunities of staff, or in the case of community education, to that of end users.</p>	<p>Pursuit of a research question on a topical educational issue will expose recipients to research methods of specific relevance to education that are not usually applied in other fields of endeavour.</p> <p>In addition, recipients conducting this research may be exposed to educators and other professionals and will have the opportunity to develop a broader appreciation of inter-disciplinary thinking and practice.</p> <p>Projects in this domain should be of sufficient significance to influence organisational thinking on education issues and as such, will expose the recipient to the processes involved in facilitating organisational change.</p>
<b>OPERATIONAL SYSTEMS</b> <ol style="list-style-type: none"> <li>1. New ways to segment the ambulance workload e.g. call diversion to other health providers for non-acute cases</li> <li>2. Assessing the impact of health information/advice services on QAS activity levels</li> <li>3. Costing the implications of market segmentation of ambulance workload</li> <li>4. Revisiting the relationship between AMPDS and crew deployment</li> </ol>	<p>Topics identified in this stream must demonstrate the capacity to contribute significantly to the understanding of new operational environments, relationships between ambulance and other health providers.</p>	<p>Pursuit of a research question in a topical operational issue will expose recipients to research methods of specific relevance to demand management and business systems that are not usually applied in other fields of endeavour.</p> <p>In addition, recipients conducting this research may be exposed to other organisations, creating the opportunity to develop a broader appreciation of inter-disciplinary thinking and practice.</p> <p>Projects in this domain should be of sufficient significance to influence organisational thinking on operational issues and as such, will expose the recipient to the processes involved in facilitating organisational change.</p>