

**KENNETH JAMES MCPHERSON EDUCATION AND RESEARCH FOUNDATION
RESEARCH PRIORITIES 2006/07**



KEY RESEARCH AREAS	BENEFITS QAS / QEMSAC	BENEFITS FOR RECIPIENTS
<p>CLINICAL</p> <ol style="list-style-type: none"> 1. management of acute respiratory events (e.g.: SARS, H5N1) 2. trauma management 3. ambulance management of acute mental health problems 4. clinical decision making 5. aero medical management 	<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 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 organizational thinking on clinical practice issues and as such will expose the recipient to the processes involved in facilitating organizational change.</p>
<p>EDUCATIONAL</p> <ol style="list-style-type: none"> 1. educational delivery methods 2. professional development strategies 	<p>Topics identified in this stream must demonstrate the capacity to contribute significantly to 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 in 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 organizational thinking on education issues and as such will expose the recipient to the processes involved in facilitating organizational change.</p>
<p>OPERATIONAL SYSTEMS</p> <ol style="list-style-type: none"> 1. new ways to segment the ambulance workload e.g.: call diversion to other health providers for non-acute cases 2. assessing the impact of health information/advice services on QAS activity levels 3. costing the implications of market segmentation of ambulance workload 4. revisiting the relationship between AMPDS and crew deployment 	<p>Topics identified in this stream must demonstrate the capacity to contribute significantly to 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 organizations 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 organizational thinking on operational issues and as such will expose the recipient to the processes involved in facilitating organizational change.</p>