

## Home Team Research Grant Programme

S/n	Research Topic	Focus within Research Area
1.	New Media	<ul style="list-style-type: none"> <li>• Developments in New Media and its implications for law and order in Singapore.</li> <li>• Approaches and considerations for effective community outreach through New Media.</li> </ul>
2.	Citizenship	<ul style="list-style-type: none"> <li>• New immigrants: Issues of integration into Singapore society and impact on social cohesion.</li> <li>• The emergence and implications of new social and interaction media on customer expectations of Government Service Delivery.</li> </ul>
3.	Terrorism	<ul style="list-style-type: none"> <li>• Vulnerability of Singaporeans to radical ideologies.</li> <li>• Social resilience and preparedness of Singaporeans to deal with terrorism.</li> <li>• Challenges and prospects of encouraging businesses/private establishments to adopt/maintain robust security measures in their establishments.</li> </ul>
4.	Crime	<ul style="list-style-type: none"> <li>• Crime prevention programmes – what works and why?</li> <li>• Youth crime – a teenage phase or an advent of a criminal career?</li> <li>• Organised crime and its links to the gaming industry.</li> <li>• Impact of casinos on crime and society.</li> <li>• Commercial crime in the digital age.</li> <li>• Impact of the evolution of internet on crime situation.</li> <li>• Economic cost of crime.</li> <li>• Effective prevention and resolution of transnational crime – what are the new policing capabilities needed to prevent and counter such crimes?</li> <li>• Review of current technology developments in the detection of human smuggling with non-health impairing technologies (non-ionizing imaging methods).</li> </ul>

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		<ul style="list-style-type: none"> <li>• Comparative study of the Financial Intelligence Units of Financial Action Task Force (FATF) countries.</li> <li>• Study on the correlation between the state of Singapore's economy and the commercial crime trend.</li> </ul>
5.	Research on Correctional issues	<ul style="list-style-type: none"> <li>• Obstacles to re-integration of ex-offenders (including offenders with special needs; e.g. elderly, youth etc.)</li> <li>• Changing social prejudice against ex-offenders.</li> <li>• Treatment needs and approaches for special needs inmates (e.g., intellectually deficient).</li> <li>• Causal factors for initiation and maintenance of Gang Affiliation (both male and female)</li> <li>• Investigating the extent of intergenerational crime.</li> <li>• Investigating the various factors that affect recidivism rates.</li> <li>• Projecting future trends in the criminal population.</li> </ul>
6.	Drug and Inhalant Control	<ul style="list-style-type: none"> <li>• Study on possible attitudinal shift towards drug abuse in Singapore and the implications on its anti-drug strategies.</li> <li>• Inhalant abuse – the situation and controls overseas.</li> <li>• Projection study on the Singapore drug abuse situation in the next 5 years.</li> </ul>
7.	Civil Defence	<ul style="list-style-type: none"> <li>• Water mist technology for light weight portable system.</li> <li>• Analysis on the trends and profiles of flammable materials and hazardous materials (HazMat) in Singapore's chemical industry, and the risk management of such materials.</li> <li>• Public acceptance of in-place protection<sup>1</sup> against unconventional threats of HazMat and chemical, biological and radiological (CBR) contaminants.</li> <li>• Electrical fires simulator – to study the common causes</li> </ul>

<sup>1</sup> In-place protection means to stay indoors and take precautionary measures to safeguard oneself and its family.

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		<p>of electrical fire and to build a prototype which can demonstrate such causes repeatedly for public education purpose.</p> <ul style="list-style-type: none"> <li>• Challenges affecting SCDF's strategic direction in community preparedness through emerging trends and threats; and propose strategies and key activities to meet the challenges.</li> <li>• Mobile phone signal detector – to study on how phone signals can be used as an additional mode for rescuers to detect persons buried under a collapsed building.</li> <li>• Using model helicopter for tactical operations – to study on how a model helicopter can be used by responders to collect vital ground information and overall situational view (e.g. airborne concentrations of toxic chemical released at the incident site and aerial pictures) without having to enter the risk area to obtain such information.</li> </ul>

