



# JUNIOR RESEARCHER MENTORING PROGRAMME 2022

<b>Code:</b>	JRMP2022_32
<b>School / Department:</b>	School of Nursing
<b>Name of Research Leader:</b>	Dr Yang Lin, Associate Professor
<b>Research Topic:</b>	A Mixed-reality Education System for Hand Hygiene
<b>Short Description of the Research Project:</b>	<p>This project aims to design and test an innovative education tool for hand hygiene, with the following specific objectives:</p> <ul style="list-style-type: none"> <li>- develop the virtual/augmented reality software that combines digital gaming and psychological models for hand hygiene education;</li> <li>- collect the action and response data from all participants and conduct pre-and post-intervention evaluation about hand hygiene behaviour for adolescents; and</li> <li>- improve the design based on feedback and results.</li> </ul> <p>Participating students will contribute to game design and test-run of the system. They will have opportunities to learn the development of AR/VR tools and their implications on health.</p>
<b>No. of Places Offered:</b>	5

<b>Frequency of Meetings:</b>	Bi-weekly
<b>Special Requirement(s):</b>	Preferred subjects taken: Science; Information and Communication Technology and Health Management and Social Care

*\* The information presented above is subject to change.*