

Use of Augmented/Virtual Reality to Enhance Teaching and Learning

CHEW Y. Y.,¹ ENG S. L. E.,² GOH Y. M.,⁴ G T-K.,⁵ HO C.S.H.,³ LEE S. C.,¹ MAK H. K.,⁶ SINGH R. M.,¹ YAP J.⁶ and YEONG F. M.¹

¹Department of Biochemistry, Yong Loo Lin School of Medicine, National University of Singapore
²Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore
³Department of Psychological Medicine, Yong Loo Lin School of Medicine, National University of Singapore
⁴Department of the Built Environment, College of Design and Engineering, National University of Singapore
⁵Department of Biological Sciences, Faculty of Science, National University of Singapore
⁶Interreality Technology Team, Information Technology, National University of Singapore

INTRODUCTION

This learning community comprises faculty members, teaching support staff, and NUS IT staff from different faculties, departments, and units. One key aim is to learn collaboratively about Augmented/Virtual Reality (AVR) technologies to keep up to speed about its uses in higher education from established literature. We also aim to share practices among ourselves who have used AVR in our teaching and learning activities and understand the best practices in the context of NUS. We also hope to reach out to colleagues and students to share and hear from them about AVR. Ultimately, the goal is to curate a body of knowledge around AVR in among our teaching and learning community and support the use of AVR to enhance our teaching and learning in NUS.

SHARING BY MEMBERS

Community Formation & Meetings:



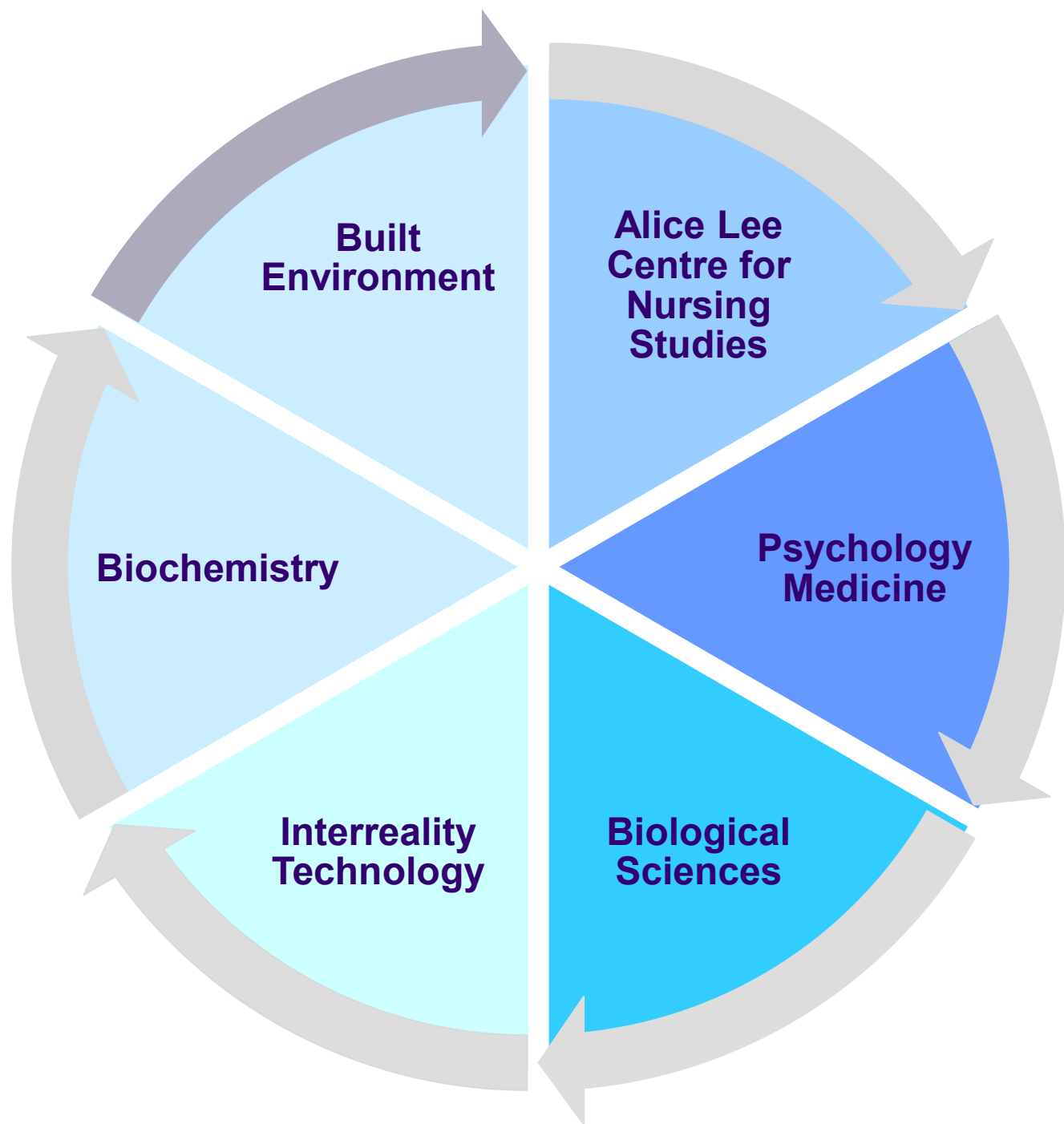
REFLECTIONS FROM OUR LEARNINGS THUS FAR

Interdisciplinary Collaboration

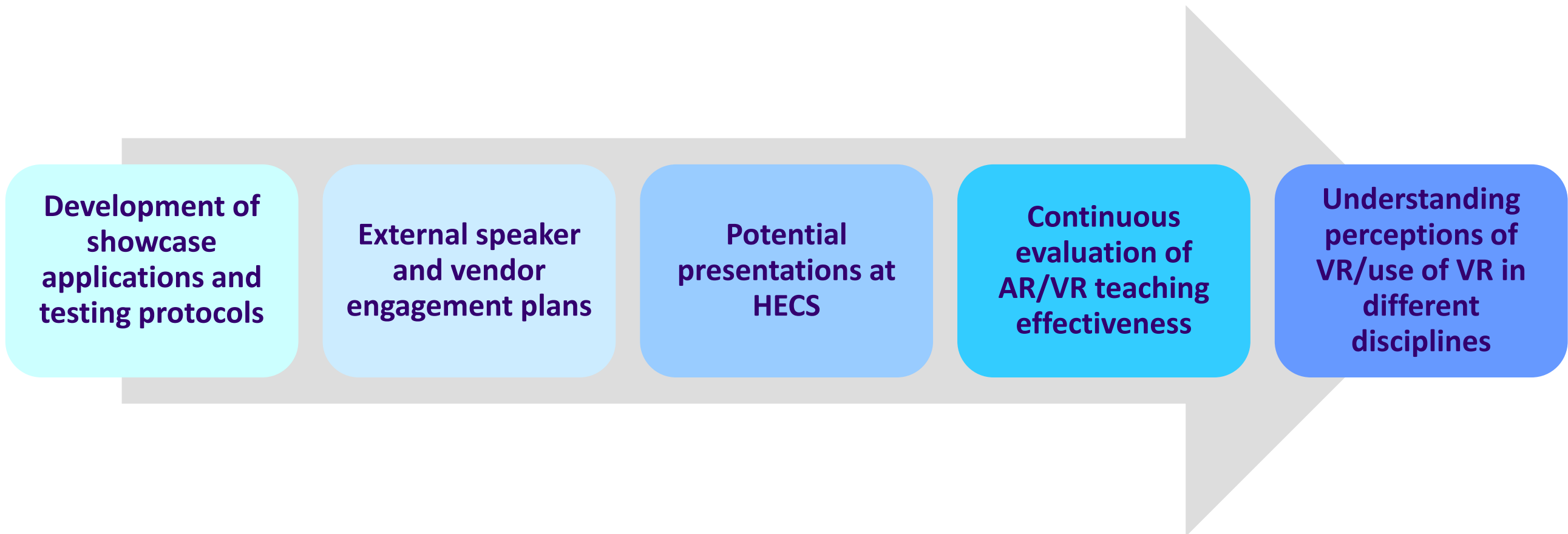
- Focus on sharing successful AR/VR implementations across disciplines.
- Themes that emerged:
 - Course integration of AR/VR technologies
 - Development and implementation of AR/VR learning experiences
 - Research into AR/VR educational applications

Key Challenges Identified

- **Understanding Different Disciplines:** Lack of disciplinary knowledge about other colleagues' fields can lead to difficulties in understanding each other's application of VR.
- **Scheduling Conflicts:** The busy schedules of participating members made it difficult to maintain a consistent meeting schedule, with some members failing to attend despite confirming their availability. Efforts will be made to improve the scheduling process.
- **Staffing Changes:** One of the co-leads recently resigned, and in the period before his departure, he was often traveling and disengaged from organizing meetings. Although he had recruited two members from his department, they also stopped participating in meetings after his resignation.



Opportunities Identified



Acknowledgements

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