"**Building Digital Literacy and Competencies in Health Professions Education; an interactive e-Workshop**" with Poh-Sun Goh
on Sunday, 21 May 2023, 2.30pm-3.30pm Singapore Time

Pre-session preparation:

Review the following material before the session. Participants will be requested to post their personal reflection on the topic on the chat box at the beginning of the session - specifically the relevance and significance of this topic to you, and your professional practice, at an individual, faculty, institutional, and wider community and network levels. Please come prepared to do this. We will be spending the first 20 to 30 minutes engaging with these posts, in order to personalise the session. This will be followed by a micro-presentation (5 to 10 minutes), before open Q and A for the final 30 minutes of the session.

Pre-session review material:

"At the end of the day we come back to the individual, who is the learner, and practitioner; who is trained, undergoes a training process, which is lifelong (both professional, and personal, as a lifelong, adaptable and adaptive learner, who ideally is trained formally and informally in the science of effective and efficient learning); who is certified and licensed to practice, and both maintains and regularly renews this license to practice (through rigorous evaluation and assessment, by both a formal recognized training organization—university, teaching hospital, training program; and both international and local licensing authority—professional association, e.g., fellowship and local license to practice). Continuous improvement and transformation of this lengthy longitudinal professional training and certification to practice path offers several, if not many opportunities to blend the "best use" of human guided training, feedback and coaching with technology tools and platforms (including AI, VR, AR, MR, robotics, simulation paradigms, and simulators, as well as pervasive or regularly sampled indicators and data of both performance and outcomes—with learning and performance analytics). We augment this with visibility, data, performance and outcome analysis and analytics of professional teams, and both localized and larger health systems and networks; in order to build a high functioning, high quality efficient and effective, safe clinical teams, and health systems, at local, regional, countrywide; and even at international levels. Why not? Blending the best of "human intelligence" and AI could potentially, can, and should allow us to scale best practices."

above quoted from
Goh, PS. (2021). 'The vision of transformation in medical education after the COVID-19 pandemic'. Korean J Med Educ. 33 (3): 171-174. Publication Date (Web): 2021 August 27 https://doi.org/10.3946/kjme.2021.197

'As cost progressively reduces, availability and usability of wearable tech for AR, VR, and Mixed Reality progressively increases, together with a deeper understanding of their appropriate use, including software and content for these "newer technologies"; and deeper understanding, wider access, and lower cost of simulation and gaming platforms and paradigms; combined with embedded, usable, and iteratively improving AI and Machine Learning; adoption and use of these technologies to complement, augment, supplement, and even replace previous more traditional methods of instruction and training will progressively increase. Technology will eventually seamlessly integrate even further into our clinical and teaching practice. Our role as educators will be to envision, plan, guide, support and oversee this process, expanding and deepening our role as teachers, instructors, content creators, curators, guides and coaches'

above quoted from
Goh, PS. (2020). Medical Educator Roles of the Future. Med.Sci.Educ. 30 (Suppl 1), 5–7. https://doi.org/10.1007/s40670-020-01086-w

"For this year's teaching and learning Horizon Report, then, our panelists' discussions oscillated between these seemingly polar ideas: the supplanting of human activity with powerful new technological capabilities, and the need for more humanity at the center of everything we do. This report summarizes the results of those discussions and serves as one vantage point on where our future may be headed."
above quoted from
2023 Educause Horizon Report: Teaching and Learning Edition, accessed on 14 May 2023, on link below
https://library.educause.edu/resources/2023/5/2023-educause-horizon-report-teaching-and-learning-edition