

Curriculum VitaeUpdated as at 19 June 2025**(1) Personal Particulars**

Full Name: KOH Bee Leng Sabrina
 Last Name: KOH
 Date of Birth : 4th September 1972
 Nationality : Singaporean
 Gender : Male / Female

(2) Educational & Training Qualifications

Qualification	Country	Name of School / Institution / University	Date of Attainment	Input "X" if Highest Qualification
State Registered Nurse (SRN)	Singapore	School of Nursing Singapore	Nov 1994	
Bachelor of Nursing	Australia	Monash University	Dec 1996	
Post Graduate Diploma in Clinical Nursing (Critical Care)	Australia	Edith Cowan University	June 2001	
Master in Health Science Education	Australia	University of Sydney	Dec 2001	
Advanced Certificate in Learning and Performance	Singapore	Institute of Adult Learning (IAL), Singapore University of Social Science (SUSS)	2019	
Doctor of Education	Singapore	National Institute of Education, Nanyang Technological University	Ongoing	X

(3) Certification & Licensure

Licensing Board	Licensing Number	Date (DD/MM/YYYY)	Country
Singapore Nursing Board	N9414886E	01/11/1994	Singapore
Arizona State Board of Nursing	RN100782	1997 to 2010	USA

(4) Professional Training & Academic Career (Employment History)**Academic / Clinical / Research / Administrative / Industry:**

Training Type	Hospital / Institution / Organisation	Rank / Title / Position	From (MM/YYYY)	To (MM/YYYY)
Clinical work	Gleneagles Hospital Limited (GHL), Singapore	Registered Nurse	11/1994	10/1997
Clinical work	John C. Lincoln Hospital, United States of America	Registered Nurse	12/1997	09/1998
Certified Medical /Surgical Nurse Cert No.: 323014-04	America Nursing Credentialing Center, USA	Certified Med/Surg Nurse	1998	
Clinical work	St. Joseph Hospital, United States of America	Registered Nurse	11/1998	09/1999
Clinical work	Gleneagles Hospital Limited (GHL), Singapore	Registered Nurse	10/1999	08/2000
Clinical work	St. Joseph Hospital, United States of America	Registered Nurse	11/2000	11/2002
Academic work	Nanyang Polytechnic, Singapore	Nursing Lecturer	02/2003	06/2005
Academic work	Ngee Ann Polytechnic, Singapore	Nursing Lecturer	06/2005	06/2007
Clinical Education	National University Hospital, (NUHS), Singapore	Senior Nurse Educator	06/2007	06/2010
		Principal Nurse Educator	07/2010	04/2011
		Assistant Director of Nursing (Edu)	05/2011	05/2012
Simulation Development	Winter Institute of Simulation Education & Research (WISER)	Visiting Scholar	Nov 2007	Dec 2007
Clinical Education	Ng Teng Fong General Hospital, JurongHealth, Singapore	Assistant Director, Simulation Centre	06/2012	05/2014
HMDP: Simulation Leadership program.	National League for Nursing, USA.	Fellow	01/2013	12/2013
HMDP: Simulation based education for faculty development	Simulation In-situ programme, Boston Children's Hospital, Boston, USA.	Fellow	01/2013	01/2013
HMDP: Comprehensive Instructor Workshop.	Institute for Medical Simulation, Centre for Medical Simulation, Boston, USA	Fellow	04/2013	04/2013

Training Type	Hospital / Institution / Organisation	Rank / Title / Position	From (MM/YYYY)	To (MM/YYYY)
Clinical Education	Sengkang General Hospital, SingHealth, Singapore	Assistant Director, Nursing Deputy Director, Nursing	06/2014 05/2017	04/2017 Current
Certified Healthcare Simulation Educator (CHSE)	Society for Simulation in Healthcare (SSH), USA	CHSE	04/2014	
Appointment	SingHealth DukeNUS Institute for Medical Simulation, SingHealth Academy (SIMS)	Campus Director	2016	Current
Appointment	College of Clinical Nursing, SingHealth Academy (CCN)	Deputy Chair	2017	Current
Certified Healthcare Simulation Educator - Advanced	Society for Simulation in Healthcare (SSH), USA	CHSE-A	2017	Current
Fellow	Academy, Society for Simulation in Healthcare (SSH), USA	Fellow (FSSH)	2018	Current
Appointment	Singapore Nursing Board, Education Committee	Member	05/2018	04/2024
Appointment	Curriculum Review Committee, College of Clinical Nursing, SingHealth Academy (CCN)	Chair	2019	Current
Certified Healthcare Simulation Operations Specialist	Society for Simulation in Healthcare (SSH), USA	CHSOS	2019	2022
Appointment	Evaluation Panel, National Nursing Academy (NNA), Chief Nursing Officer Office, MOH	Member	03/2021	02/2024
Appointment	Simulation Workgroup, Singapore Nursing Board	Chair	10/2022	06/2023
Appointment	Work Study Workgroup Nursing Academy (NNA), Chief Nursing Officer Office, MOH	Member	10/2023	12/2025
Appointment	Workgroup for Global Consensus Statement for Simulation Practices, Society for Simulation in Healthcare (SSH), USA	Member	10/2023	Current
Appointment	SSH Asia Pacific Evolution Summit (SHAPES), Society for Simulation in Healthcare (SSH), USA	Member	10/2023	Current
Appointment	Centre for Global Nursing, SDGHI	Head (designate)	12/2023	Current
Appointment	IMSH Visioning Workgroup, Society for Simulation in Healthcare (SSH), USA	Member	01/2024	Current
Appointment	Centre for Global Nursing, SDGHI	Head	07/2024	Current

(5) Publications

Original Articles

Chua, C.P.M., Lam, L.K., Mohammad Ghazali Bin Idris, Koh, T.L., Tang, G.F.J., Chen, L.J., Koh, B.L.S., and Tan, M.G., (2024). 75% Reduction in Packing Variation of in-House Central Sterile Supply Unit Products in a Restructured Hospital in Singapore. *J Biomed Res Environ Sci*. 2024 Sept 13; 5(9): 1122-1126. doi: 10.37871/jbres1999, Article ID: JBRES1999, Available at: <https://www.jelsciences.com/articles/jbres1999.pdf>

Diaz-Navarro, C., Armstrong, R., Charnetski, M., Freeman, K. J., **Koh, S.**, Reedy, G., Smitten, J., Ingrassia, P. L., Matos, F. M., & Issenberg, B. (2024). Global consensus statement on simulation-based practice in healthcare. *International Journal of Healthcare Simulation*. <https://doi.org/10.54531/pesi3493>

Diaz-Navarro, C., Armstrong, R., Charnetski, M., Freeman, K., **Koh, S.**, Reedy, G., Smitten, J., Ingrassia, P. L., Matos, F. M., & Issenberg, B. (2024b). Global Consensus Statement on Simulation-Based Practice in Healthcare. *Clinical Simulation in Nursing*, 101552. <https://doi.org/10.1016/j.ecns.2024.101552>

Diaz-Navarro, C., Armstrong, R., Charnetski, M., Freeman, K. J., **Koh, S.**, Reedy, G., Smitten, J., Ingrassia, P. L., Matos, F. M., & Issenberg, B. (2024a). Global consensus statement on simulation-based practice in healthcare. *Advances in Simulation*, 9(1). <https://doi.org/10.1186/s41077-024-00288-1>

Cristina, D., Robert, A., Matthew, C., Kirsty, F. J., **Sabrina, K.**, Gabriel, R., Jayne, S., Pier, I. L., Francisco, M. M., & Barry, I. (2024). Global consensus statement on simulation-based practice in healthcare. *Simulation in Healthcare*. <https://doi.org/10.1097/sih.0000000000000804>

Wong S, Pan L N, Ng T Y, Goh H A, Ong Y T T and **Koh S B L** (2024). Insights from implementing an electronic hand hygiene compliance monitoring system. *J of Clin Case Stu, Reviews & Reports* 2(6), 1-4.

Cuixia W, Wong S, Abdul Wahab NBM, **Koh S.** (2024). N95 Respirator Fit Testing Experience during the Pandemic at a Singapore Tertiary Health Institution: Streamlining Workflow and Improving Respirator Fit Rate. *J Biomed Res Environ Sci.* 2024 Apr 15; 5(4): 303-306. doi: 10.37871/jbres1896, Article ID: JBRES1896, Available at: <https://www.jelsciences.com/articles/jbres1896.pdf>

Lim, S. H., Ang, S. Y., Aloweni, F., Siow, K. C. E., **Koh, S.B.L.**, & Ayre, T. C. (2024). Factors associated with practice readiness among newly qualified nurses in their first two years of practice. *Nurse Education Today*, 106143. <https://doi.org/10.1016/j.nedt.2024.106143>

Claire CA and **Koh S.** Nurse-debriefer experience in a structured post-resuscitation debrief: An exploratory study [version 1; not peer reviewed]. *MedEdPublish* 2023, **13**:144 (poster) (doi: [10.21955/mep.1115310.1](https://doi.org/10.21955/mep.1115310.1))

Park, C.S., Clark, L., Gephardt, G., Robertson, J.M., Miller, J., Downing, D.K., **Koh, S.B.L.**, Bryant, K.D., Grant, D., Pai, D.R., Gavilanes, J.S., Bastida, E.I.H., Li, L., Littlewood, K., Escudero, E., Kelly, M.A., Nestel, D., Rethans, J. (2020). Manifesto for healthcare simulation practice. *BMJ Stel.* 2020; 0:1–4. doi:10.1136/bmjstel-2020-000712

Tan, M. G., Tang, G. F., Lim, T. L., **Koh, S. B. L.**, Ong, B. C., Chew, M. H., Ng, S. P., & Ng, S. F. (2021). Effective disinfecting of protective devices used in the course of treating SARS-CoV2–positive patients. *Journal of Infection Prevention*, 1757177421103333. <https://doi.org/10.1177/17571774211033350>

Tan, K. B., Chiu, Y. C., Tham, A., Hey, M., Pang, H., Leo, Q. W., Ong, T., Goh, A. & **Koh, S.** (2021). Concentric Circles Painting Versus Back-and-Forth Scrubbing: A Comparison between Two Skin Disinfection Techniques. *International Journal of Research in Nursing*, 12(1), 21-25. <https://doi.org/10.3844/ijrnsp.2021.21.25>

Review Articles

Koh, S. (2014). Medical Simulation in Singapore – An “insider” and “outsider” perspectives. *Bulletin of Medical Education – Taichung Veterans General Hospital.* 2014, Vol 16. Pp. 2- 6.

Books & Chapters

Koh, S., & Kaur, S. (2007). *Advanced Nursing Procedures.* Nursing Skills Laboratory 3. Singapore: McGraw Hill Inc.

Koh, S.B.L. (2015) Chapter 5- 5.4 Writing and Implementing a Systematic Evaluation Plan, Text Box. In *Defining Excellence in Simulation Programs.* Palaganas, J.C., Maxworthy, J.C., Epps, C.A., & Mancini, M.E. (Eds.) LWW: USA.

Koh, S.B.L., & Dong, C. (2016). Chapter 27. Developing experienced technicians as simulation educators in Asia. In *Healthcare Simulation Education: Evidence, Theory & Practice.* Nestel, Watson, Kelly and Jolly (Eds.) Wiley: UK.

Lopreiato, J. O. (Ed.), Downing, D., Gammon, W., Lioce, L., Sittner, B., Slot, V., Spain, A. E. (Associate Eds.), and the Terminology & Concepts Working Group. (2016). *Healthcare Simulation DictionaryTM.* Retrieved from <http://www.ssih.org/Portals/48/Docs/Dictionary/simdictionary.pdf> or http://www.ahrq.gov/sites/default/files/publications/files/sim-dictionary_1.pdf

Park, C.S., Murphy, T.F., & the Code of Ethics Working Group (2018). *Healthcare Simulationist Code of Ethics.* Retrieved from <http://www.ssih.org/Code-of-Ethics> .

Leadership Positions or Roles in Education / Clinical Innovation / Commercialisation / Industry (e.g. Course Directorship, Curriculum Planning / Development Committees / Facilitation of Start-Ups, etc.)

- SingHealth-DukeNUS Institute of Patient Safety and Quality (IPSQ). Program faculty since Dec 2017.
- Singapore Nursing Board (SNB), MOH. Member, Education Committee since May 2018.
- SingHealth Academy College of Clinical Nursing (CCN). Chair, Curriculum Review Committee (CRC), since March 2019.
- National Nursing Academy (NNA), CNO Office, MOH. Member, Evaluation Panel since March 2021.
- SingHealth Duke-NUS Joint Office of Academic Medicine (JOAM). ACP Programme Funding - Education Grant Review Panel since Dec 2021.
- Singapore Nursing Board (SNB), MOH. Chair, Simulation Workgroup, 10/2022 – 06/2023.
- National Nursing Academy (NNA), CNO Office, MOH. Member, Work Study Workgroup, 10/2023.

(6) Research & Innovation Activities, Research & Commercialisation Funding Support**(i) Current Funding**

Project Title or Startup Name	Role (eg. PI, Co-I, Founder etc)	Origin	Name of Grant (if applicable)	Funding Agency	Project or Startup Funding Start Date	Duration (if applicable)	Amount	Currency
Critical care nursing concepts on the go (via serious gaming)	PI	SKH Nursing Education & Development	InnovPlus	Skills Future, SSG, IAL	June 2023	2 years	\$200,000	SGD

(ii) Past Funding

Project Title or Startup Name	Role (eg. PI, Co-I, Founder etc)	Origin	Name of Grant (if applicable)	Funding Agency	Project or Startup Funding Start Date	Duration (if applicable)	Amount	Currency
Multi-modal Training & Assessment of Team-based Care in Healthcare	Co-I	SKH QI Office	InnovPlus	Skills Future, SSG, IAL	June 2019	2 years	\$200,000	SGD

Collaboration with Local and Overseas Institution

S/No.	Institution	Project / MOU	Host by	Status
1	International Medical University	Undergraduate students' engagement Faculty Development Joint projects	Group Nursing	2023 - current
2	SEGi University		Group Nursing	2023 - current
3	UNIMAS		Group Nursing	2024 - current
4	Universiti Kebangsaan Malaysia		Group Nursing	2024 - current
5	Nilai University		Group Nursing	2024 - current
6	Sunway Healthcare	Nurses Attachment in SingHealth	Group Nursing	2024 - current
7	Chongqing – Chongqing People's Hospital	Nursing talent development Joint projects	CGN, SDGHI	2023 - current
8	Chengdu – West China Hospital & University		CGN, SDGHI	2023 - current
9	Shanghai – Renji Hospital		CGN, SDGHI	2023 - current
10	Indonesia - Bali International Hospital	Nursing talent development	CGN, SDGHI	2024 - current
11	Indonesia - Primaya Hospital	Joint projects	CGN, SDGHI	2024
12	Indonesia - Siloam Hospitals	Nursing career pathway redesign Clinical competencies structure redesign	CGN, SDGHI	2024 - 2025
13	TsingHua Chang Gung Hospital	Nursing talent development Joint projects	CGN, SDGHI	2024 - current
14	Peking International University Hospital	Nursing talent development Joint projects	CGN, SDGHI	2024 - current
15	Chang Gung Memorial Hospital, ROC Taiwan	Nursing talent development Joint projects	CGN, SDGHI	2024 - current
16	Perennial Health System	Nursing talent development	CGN, SDGHI	2025 - current

(A) Ministry of Health

May 2018 - current	Singapore Nursing Board (SNB), MOH.	Education Committee Site reviewer for clinical attachment accreditation Formal programmes accreditation reviewer
March 2021 - current	National Nursing Academy (NNA), CNO Office, MOH.	Reviewing panel for program accreditation
Nov 2022	Singapore Nursing Board (SNB), MOH.	Chair, Simulation based education Workgroup
Oct 2023	National Nursing Academy (NNA), CNO Office, MOH.	Member, Work Study model workgroup

(B) University / Medical School

June 2016 - current	SingHealth-DukeNUS Institute of Medical Simulation (SIMS).	Campus Director
Jan 2017 – current	SingHealth Academy College of Clinical Nursing (CCN).	Deputy Chair
Dec 2017 - current	SingHealth-DukeNUS Institute of Patient Safety and Quality (IPSQ).	Program faculty & planning team
March 2019 - current	SingHealth Academy College of Clinical Nursing (CCN). Curriculum Review Committee (CRC)	Chair
Dec 2021 - current	SingHealth Duke-NUS Joint Office of Academic Medicine (JOAM).	ACP Programme Funding - Education Grant Review Panel
Dec 2023	SingHealth Duke-NUS Global Health Institute (SDGHI)	Head (designate), Centre for Global Nursing
Jul 2024	SingHealth Duke-NUS Global Health Institute (SDGHI)	Head, Centre for Global Nursing

(C) Professional Bodies

Dec 2010 - current	Society for Simulation in Healthcare (SSH), USA	<ul style="list-style-type: none"> - Co-Chair, APMSH, 2013, Shanghai - Co-Chair, IMSH, 2016, San Diego - Contributor for SSH Simulation Dictionary, 2016 - Contributor for SSH Code of Ethics, 2018 - CHSE Advisory Committee – Member and Certification review course faculty - Accreditation Committee – Quality, Member and Site reviewer - Co-Lead for Global Consensus Paper, 2023 - Member, Advocacy for Simulation, 2023 - Member, SHAPES, 2023 - Member, Credentialing Accreditation – Quality Subcommittee - Accreditation, Site Reviewer - CHSE Reviewer - CHSE Review Course Faculty
Jul 2014 - current	Pan Asia Simulation Society in Healthcare (PASSH), Asia Regional	<ul style="list-style-type: none"> - Founding Member - President 07/2014 to 02/2021 - Executive Committee Member 02/2021
Nov 2014 - current	Society for Simulation in Healthcare Singapore (SSHS), Singapore	<ul style="list-style-type: none"> - Founding Member - Vice President 11/2014 to 03/2021 - Executive Committee Member 04/2021

(7) Awards & Honours**(A) Academic / Clinical / Research / Innovation Awards****Scholarship**

1. Gleneagles Hospital Limited 11/1991
Full sponsorship for General Nursing Certification at the School of Nursing
2. Marine Parade CDC, Mayor Eugene Yap Scholarship – 08/2000
Full sponsorship for Master of Health Sciences (Education) program with the University of Sydney

Clinical

Health Manpower Development Programme (HMDP), FY2012 Ministry of Health, Singapore

Title: Simulation based education for faculty development

Attachment: Simulation In-situ programme, Boston Children's Hospital, Boston, USA. 01/2013 Comprehensive Instructor Workshop, IMS, CMS, Boston, USA. 04/2013

Poster Prizes

1. S3 Conference 2022. "Nurse-Debrief Experience in a Structured Debrief Post-Resuscitation: An Exploratory Study". First Prize.
2. Singapore Healthcare Management 2022. "Effective Disinfecting of Protective Devices Used in The Course of Treating Sars-cov2 Suspected Or Positive Patients". Poster Award.
3. SingHealth Nursing Conference 2021. "Concentric circles painting versus back-and-forth scrubbing: which skin disinfection technique is better?". Second Prize.
4. Best SKH QI Projects Award 2021. "Elimination of unnecessary barcode reprint at laboratory reception". Top 10 Award.
5. Singapore Healthcare Management 2021. "Transforming Learning through Game-based for TeamSTEPPS : THE NEW NORMAL". Third Prize.

(B) Others

1. Merit Award for Nurses 2009
Ministry of Health, Singapore
2. Healthcare Quality Improvement Fund 2009
Ministry of Health, Singapore
For reduce adverse events in NUH by developing early escalation programme.
3. National Day Award, 2019, Ministry of Health, Singapore
Commendation Medal
4. InnovPlus Award, SkillsFuture (SSG), IAL, Singapore, 2019
Grant: \$200,000
Mobile game development: Multi-modal Training & Assessment of Team-based Care in Healthcare
5. InnovPlus Award, SkillsFuture (SSG), IAL, Singapore, 2023
Grant: \$200,000
Mobile game development: Critical care nursing concepts on the go (via serious gaming)
6. Academic Medicine, Education Institute (AM:EI). Golden Apple Award, Generativity Award for Educators, 2023