



BG (RETD) EMERITUS PROFESSOR LIONEL K. H. LEE¹

Education

MBBS (Singapore) - April 1975

Masters Sports Science (Sports Medicine, USA) - August 1983

Masters Public Health (USA) - August 1992

Fellow Academy Medicine Singapore May 1997

Background

BG(retd) Dr Lionel K. H. Lee, PPA, MBBS, MSS (Spts Medicine), MPH, FAMS

After graduating in Medicine in 1975, Prof Lionel Lee joined the Singapore Armed Forces (SAF) Medical Corps in 1976 and rose to the rank of Brigadier General and the Chief of the Medical Corps. From 1997 to 2011, he was the Director of Defence Medical and Environmental Research Institute (DMERI) of DSO National Laboratories. Later, he was the Executive Vice-Dean of the Lee Kong Chian School of Medicine (LKCMedicine), Singapore's newest medical school. His responsibility is to establish a first-class organisation and provide state of the art facilities for the School. He retired in 2019 and in January 2024 Lionel was conferred in inaugural Professor Emeritus of the Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore

He earned a Master's degree in Sports Medicine graduating as an outstanding honours student in 1983 at the United States Sports Academy. In 1992, he obtained a Master's in Public Health at the Uniformed Services University for Health Sciences at Bethesda, Maryland, graduating as a valedictorian. He was inducted as a Fellow of the Academy of Medicine, Singapore in May 1997.

Lionel set up the Soldier Performance Centre for the Singapore Army and the Defence Medical and Environmental Research Institute, DSO, Ministry of Defence, Singapore. During his tenure as Chief of the Medical Corps he placed the Corps on an operational footing with several medical teams being despatched for humanitarian, peace support and peace keeping operations in many countries around the world. He founded the practice of Sports and Rehabilitation Medicine and Exercise Physiology in the Singapore Armed

¹ Updated 1 June 2024

Forces. He established formal Paramedic Training in Singapore which helped initiate the Emergency Medical Technician (EMT) vocation in Singapore Civil Defence.

He was credited for the prevention and emergency treatment of heat injuries in the Singapore Army reducing significantly the number of heat exhaustion and death from heat strokes during training. In Exercise Physiology, he helped establish the fitness standards and tests of the SAF. From 2006-2010 he served on the MOH's Sub-speciality Training Committee Sports Medicine, Specialist Accreditation Board, which established Sports Medicine as a recognised sub-speciality in Singapore in 2011.

As Director, DMERI at DSO National Laboratories, Lionel guided and developed MINDEF's research programmes in Biodefence and Emerging Infections, Chemical, Radiological and Nuclear Defence, Military Trauma and Combat Casualty Care, Military Physiology and Cognitive Performance. From Aug 2001 to Jul 2007, he was an adjunct Associate Professor to the Faculty of Medicine, National University of Singapore. From Dec 2009 to June 2012, he was adjunct Professor, Office of Research, Duke-NUS Graduate Medical School where he assisted in establishing its Emerging Infections Research Programme.

As Executive Vice-Dean Lionel, guided the Lee Kong Chian School of Medicine through its developmental phases. He was responsible for the organisation, operations and administrative excellence as well as the external and international relations of the school. He oversaw the development of the buildings, research facilities and other infrastructures of LKCMedicine. Together with Imperial College London, he helped established the medical education curriculum and pedagogy and its flagship research programmes. He assisted in developing the School's PhD programme and administered its first courses.

He served as Director on several health care, research advisory committees and boards of management. Notably he was one of the founding members on the Board of Directors for the Singapore Eye Research Institute (SERI) and served on the board for 15 years until 2014. He was a founding member of the National Healthcare Group's (NHG) Governing Board. He was on the Boards of the National University Hospital and the Singapore General Hospital.

He was a pioneer member of the Dover Park Hospice Governing Council and served for 22 years, eight of which as its chairman. In August 2023, he was appointed Honorary Life Member of the Governing Council.

Lionel is the Chairman of two mission schools in Thailand, the Vineyard Methodist School in Chiangmai and the Little Candles Methodist School in Phrau. He is also the founding and current Chairman of the Methodist Welfare Society-Charis Methodist Church Activity Centre for Elders,

He is a recipient of several professional, national and military awards and medals.

Military Appointments

Jun 76 to Apr 77	Medical Officer, 40 Singapore Armoured Regiment.
Apr 77 to Nov 77	Brigade Medical Officer, 4 Singapore Armoured Brigade

Nov 77 to Feb 79	Medical Officer, Ministry of Health
Feb 79 to Apr 80	Second-in-Command Medical Classification Centre, MINDEF
Apr 80 to Jul 80	Medical Officer, Ministry of Health
Jul 80 to Jul 81	Second-in-Command, Medical Classification Centre, MINDEF
Jul 81 to Jan 84	Research & Doctrine Officer, Headquarters, SAF Medical Corps
Jan 84 to Nov 84	Commanding Officer, Medical Classification Centre, MINDEF
Nov 84 to Nov 86	Head, Physical Performance Centre, SAF Medical Corps
Nov 86 to Jan 89	Head, General Staff Branch, HQ SAF Medical Corps
Jan 89 to Sep 93	Chief Army Medical Officer, HQ Army Med Svcs, Singapore Army
Sep 92 to Mar 95	Deputy Chief, SAF Medical Corps,
Mar 95 to Jul 2001	Chief of the SAF Medical Corps

Civilian Appointments

Jul 97- Sep 2003	Director, Defence Medical Research Institute, Defence Science and Technology Agency (DSTA)
Aug 01 – Jul 07	Adjunct Assoc Prof, Medical Faculty, National University Singapore
Oct 03 – May 11	Director Defence Medical and Environmental Research Institute
Dec 09 - Jun 12	Adjunct Professor, Duke-NUS Graduate Medical School
May 11 - Mar 13	Chief Operating Officer, LKC Medicine
Apr 13 - April 19	Executive Vice-Dean, LKC Medicine
1 April 2019 -	Retired
1 Jan 2024	Professor Emeritus, Nanyang Technological University, Singapore

Awards, Decorations and Prizes

1970	Singapore Finance Undergraduate Scholarship
1981	SAF Good Service Medal
1983	Outstanding Student Award, (valedictorian) United States Sports Academy
1983	Who's Who among Students in American Colleges and Universities.
1986	Public Service Medal for rescue services in the Hotel New World Disaster
1987	Outstanding Young Singaporean Award, JAYCEES Singapore
1989	The Commendation Medal (Military)
1990	Distinguish Alumnus Award, United States Sports Academy
1998	Public Administration Medal "Silver" (Military)
1998	SAF Long Service Medal
2001	SAF Long Service Medal
2015	Imperial College Medal

Service in Professional Organisations

1983-1986	Chairman	Working Group on Physical Ed and Fitness MINDEF/MOE
1984-1991	Member	Medical Advisory Board, Coronary Club Singapore
1990-1991	Member	National Committee for Control and Prevention of Obesity
1991-	Hon Member	National Faculty, United States Sports Academy
1990-1992	Vice-President	Sports Medicine Association of Singapore
1993-1995	Member	Advisory Board, School of Physical Education, NTU

1993-1995	Member	Council of the St John's Ambulance Association
1994-1995	President	Sports Medicine Association of Singapore
1995-2001	Chairman	National Advanced Trauma Life Support Comm
1994-2001	Member	Advisory Committee, Sports Medicine and Div, Singapore Sports Council
1995-1996	Advisor	Singapore Physiotherapists Association
1995-1996	Member	MOH Steering Committee on the Emergency Ambulance Svs
1995-2001	Chairman	National Advanced Trauma Life Support Committee
1996-2001	Chairman	Advisory Committee, Megagym SAFRA
1996-2001	Member	SNOC Anti-Doping in Sports Commission
1996-2001	Chairman	National Paramedic Training Advisory Committee
2006-2009	Chairman	Medical Advisory Committee, Dover Park Hospice
2006-2010	Member	Sub-speciality Training Committee Sports Medicine, Specialist Accreditation Board, Singapore
2007-2011	Member	Editorial Panel, Journal of Medical Chemical, Biological and Radiological Defence
2008-2016	Member	Evaluation Panel for NRF Proof of Concept Grant
2010-2020	Member	National Anti-Doping Appeals Committee, Ministry for Community Dev, Youth and Sports
2010-2013	Chairman	Working Group 2 on Public Health, Study of Long Term Effects of Climate Change, National Environmental Agency.
2011-	Member	Combined Institutional Review Board, SingHealth
2012-2014	Member	A*STAR Biomedical Research Audit Committee
2013-2019	Chairman	NTU Institutional Review Board
2019-	Member	NTU Institutional Review Board
2013-2015	Member	Review Panel for the Young Scientist Award, (A*STAR)
2014- 2019	Member	Steering Committee Skin Research Institute of Singapore
2022-	Member	Dean Advancement Advisory Committee LKCmedicine

Directorships

1986-2022	Member	Board of Management, Geylang Methodist Schools
2007-2016	Chairman	Board of Management, Geylang Methodist Schools
1994-1996	Member	Governing Council, Dover Park Hospice
1990-1996	Member	Board of Directors, Singapore Automotive Engineering
1996-2001	Member	Board of Directors, Singapore Technologies Medical Svs
1996-2000	Member	Advisory Committee, Alexandra Hospital
1997-2000	Member	Board of Directors, National University Hospital
1999-2000	Member	Board of Directors, Singapore General Hospital
2000-2003	Member	Board of Directors, National Healthcare Group
1998-2014	Member	Board of Directors, Singapore Eye Research Inst
2000-2008	Chairman	Board of Directors, Attogenix BioSystems Pte Ltd.
2005-2009	Member	Governing Council, Dover Park Hospice
2009-2011	Chairman	Dover Park Hospice
2012-2019	Member	Board of Directors, Institute for Sports Research, NTU- Loughborough University

2013- 2018	Chairman	Dover Park Hospice
2019-2023	Member	Dover Park Hospice
2014-	Chairman	Centre Governing Committee, Methodist Welfare Society- Charis Active Aging Centre
2014-	Chairman	Vineyard Methodist School, Chiang Mai, Thailand
2018-	Chairman	Little Candles Methodist School, Phrau, Thailand
2016-	Patron	SIM East Asia Ltd
2023 -	Honorary Council Member	Dover Park Hospice