

Academic, Philanthropic and Business Experience:

- ✧ Born in Swatow, China, he grew up in Hong Kong, received his education at Chiu Sheung School, Salesian School and Wah Yan College before studying in Canada and U.S.A. In the end of 1997, Lam came back to Hong Kong. Pro. Lam is the author of over 100 research articles, including 7 papers published in Nature, 9 papers in Proceedings of National Academy of Sciences and 2 papers in Scientific American, 5 books published by MIT Press, as well as over 17 international patents on novel technologies, medicines and vaccines.[16][21]
- ✧ Pro. Lam is also the world renowned artist and the inventor of Chromoskedasic Painting (or Nano Art, published in Scientific American in December, 1991). Pro. Lam was appointed by President George Bush to be a member of the President's Committee on the Arts and Humanities in 1989, and was the first Asian to be so honored. In 1999, Lam was selected as 「one of 99 most accomplished and influential artists in China in the 20th century」 by the Chinese Academy of Art, the Artist Association of China and the National Palace Museum of China.
- ✧ In 1982, Lam and Professor David Paton, Founder of Project Orbis, the charitable ophthalmic airplane, visited China for the first time. On December 18, 1999, he founded World Eye Organization (WEO) to prevent and treat eye diseases for the poor. In 2003, he established WEO Xian Eye Centre, whereby thousands of poor eye patients were examined every year and provided training courses for the ophthalmologists in the northwest of China. In 2005, professor Lam established the WEO Xinjiang Dr. Lee Shau Kee Eye Centre. On July 7, 2007, Lam established Torsten Wiesel Research Institute at WEO West China Medical Centre, Sichuan University, China. On October 27, 2008, he established the WEO Torsten Wiesel Primate Eye Research Center for clinical research. On February 21, 2009, he established the WEO Yangdong People's Hospital Dr. Lee Shau Kee Eye Centre. On November 27, 2010, Professor Lam established the WEO Jackie Chan Children Eye Centre at West China Hospital (JCCEC), Sichuan University in Chengdu and the WEO Puning People's Hospital Mr. and Mrs. Lam Ching Eye Centre on December 27, 2010.
- ✧ Professor Lam obtained BSc(Hon) in Mathematics (Lakehead), MSc in Physics (UBC) and PhD in Medical Biophysics (Toronto) within six years, studied under Nobelists Torsten Wiesel and David Hubel at Harvard Medical School for postdoctoral training at age 22.
- ✧ 1974: Appointed Assistant Professor at Harvard Medical School.
- ✧ 1977-1993: Appointed Professor of Biotechnology, Cell Biology and Ophthalmology at Baylor College of Medicine in Houston, Texas, including

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being the Founding Director of Baylor Center for Biotechnology.

[14][15][17][18]

- ✧ 1982: Dr. Lam and his chairman and Orbis Founder Dr. David Paton brought Project Orbis, the Flying Eye Hospital, to China for the first time. Since then, Orbis has been in China over 20 times.
- ✧ 1984: Dr. Lam founded the first biotechnology company in Houston, which is listed in 1988 in U.S. and helped to build the Woodlands Research Forest into a successful high-tech park, and was named the Father of Texas Biotechnology. [7]
- ✧ 1974: Appointed Assistant Professor at Harvard Medical School.
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- ✧ 1985: Appointed Honorary Professor at the Chinese Academy of Science, and Visiting Professor at Zhongshan University of Medical Sciences. [7]
- ✧ 1988: Accepted the invitation to be the Founding Director of the Hong Kong Institute of Biotechnology, and held the position until 1992.
- ✧ 1989: Received the U.S. High Tech Entrepreneur of the Year Award with the founder of Compaq Computer.
- ✧ 1989: Received the Presidential Medal of Merit from President Bush for his pioneering work in biotechnology. Appointed Member of the President's Inner Circle, an advisory group to the U.S. President. [7][19]
- ✧ 1989: Dr. Lam began research on the development of oral vaccines produced and delivered by transgenic edible plants.
- ✧ 1989: Appointed Member of President Bush's Committee on the Arts and Humanities, and was the first Chinese to be so honored. [19]
- ✧ 1990: Received the Retina Research Foundation Award.
- ✧ 1991: Received Alcon Award in Ophthalmology (1991) and Asia Society Annual Award [7].
- ✧ 1993: Appointed the chairman of Asia-Pacific Affairs of the International Trade Commission by the state of Texas. Assisted in building a friendly

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- relationship between Texas of U.S. and Yun Nan Province of China. Appointed the vice chairman of the cooperation council.
- ✧ 1993: Founded LifeTech Group, with the goal of developing, manufacturing and marketing the best Eastern and Western healthcare products, initially in China and subsequently worldwide. LifeTech became a US publicly-listed company in 1997, with headquarters in Hong Kong.
 - ✧ 1998: Appointed Member of the Chinese People's Political Consultative Conference of Jilin Province, PRC.
 - ✧ 1999: Dr. Lam founded the World Eye Organization (WEO) on 18 December for the prevention and treatment of eye diseases, initially in China and subsequently in other part of the world.
 - ✧ 2000: Based on Dr. Lam's technology, an edible vaccine against transmissible gastric enteric virus (TGEV) was shown to be effective against the disease in swine.
 - ✧ 2001: Dr. Lam's patent entitled "Vaccine Express in Plant" (U.S. Patent No.6136320) was selected as one of the five most important patents that will transform business and technology by MIT's Magazine of Innovation. [12]
 - ✧ 2002: Dr. Lam's patents on edible vaccines were selected as one of 10 most important developments for the 21st century by Time Magazine. [7]
 - ✧ 2002: Dr. Lam was appointed Member of the Scientific Advisory Board of China's National Institute of Biological Sciences, the National Biotechnology Center of the Chinese Ministry of Technology and the Shanghai Fenglin Biomedical Center as well as Honorary Professor at the University of Hong Kong.
 - ✧ 2003.09.08: Established WEO Xian Eye Centre to help the poor and sight-impaired people in Western China.
 - ✧ 2003.09.08-11: Organized the first "WEO Tour of Vision", bringing free eye examinations and cataract surgeries to impoverished people of Xian and its vicinities.
 - ✧ 2003: Accepted Hong Kong Government's appointment as Member of Hong Kong Arts Development Council.
 - ✧ 2004.05.22-27: Organized the "WEO Tour of Vision II", provided free cataract surgeries to 37 patients in the impoverished areas of the Xia Bei District
 - ✧ 2004.10.23-30: Organized the "WEO Tour of Vision III", provided free cataract surgeries to 35 patients in the impoverished mountain areas of the Xia Nan Distract. Carried out free eye examinations and ophthalmologic seminars.
 - ✧ 2005: Accepted the appointment by Hong Kong Government to be Chairman

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of the Arts Promotion Committee at Hong Kong Arts Development Council.

- ✧ 2005: Established the Da Vinci Foundation to support and promote art, science and education.
- ✧ 2005.09.06: Organized the “WEO Tour of Vision IV”, WEO donated 100 free cataract surgeries.
- ✧ 2005.09.08: Established WEO Xinjiang Dr. Lee Shau Kee Eye Centre.
- ✧ 2006.10.20: Established WEO Sichuan University Huaxi Hospital Dr. Lee Shau Kee Eye Centre.
- ✧ 2007.05.28-31: Organized the “WEO Tour of Vision V” to Dazhou, Sichuan, providing free cataract surgeries to 12 patients. A seminar was also conducted to train on hospital management, glaucoma and cataract to over 200 medical staff.
- ✧ 2007.07.07: Established Torsten Wiesel International Research Institute at WEO West China Hospital (WCH), Sichuan University China.
- ✧ 2007.08.01-03: Organized the “WEO Tour of Vision VI” to A Ba Zhou, Xiaojin Country, Sichuan whereby over 100 eye patients were examined.
- ✧ 2007.10.10: Established WEO Heilongjiang Dr. Lee Shau Kee Eye Centre.
- ✧ 2008.03.24: Organized the “WEO Tour of Vision VII” to Dalin Town in Shuangliu Country, Sichuan, providing more than 200 free eye examinations, and 40 free operations for the poor.
- ✧ 2008.07.30: Established WEO Hainan People’s Hospital Fu Hefan Eye Centre.
- ✧ 2008.10.27: Established WEO Torsten Wiesel Primate Eye Research Centre in Chengdu, Sichuan.
- ✧ 2009.02.21: Established WEO Yangdong People’s Hospital Dr. Lee Shau Kee Eye Centre.
- ✧ 2010: Formed a joint venture with Chaoda Modern Agriculture (Holdings) Ltd. (HK Stock Exchange # 682) to develop and commercialize edible vaccines.
- ✧ 2010.11.27: Established the WEO Jackie Chan Children’s Eye Center at WCH in Chengdu.
- ✧ 2010.12.27: Established the Mr. & Mrs. Lam Ching Eye Center in their hometown in Swatow.
- ✧ 2010: Dr. Lam and his colleagues published a seminal article in Virology entitled “Immunoprotection against influenza H5N1 virus by oral administration of enteric coated recombinant Lactococcus lactis mini-capsules”. [5]
- ✧ 2010: A joint venture to commercialize the aforesaid edible vaccines and related technologies, valued at about US\$80 million was formed.

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- ✧ 2011: Accepted Hong Kong Baptist University's invitation as its first endowed professor: Fung Hon Chu Endowed Professor of Humanics, effective on 1 September 2011. [4]
- ✧ 2011: Accepted an invitation from the World Health Organization (WHO) to present his work on Edible Vaccines at the 5th WHO Meeting on Influenza Vaccines in Geneva.
- ✧ 2012.10.10-12: Organized the "WEO Tour of Vision VIII" to Shaoshan in Hunan Province, the birthplace of Chairman Mao Ze Dong, to perform eye check-ups and surgeries for the poor.
- ✧ 2012.12.04-05: "WEO Tour of Vision IX" the historic Gutian in Fujian Province to perform eye checkups for the poor.
- ✧ 2013.01.24-26: In part impressed by Lam's innovative invention which is likely to have major global public health impact, Dr. John Tam of World Health Organization (WHO) suggested to Lam the idea of holding the "First Integrated Meeting on Development and Clinical Trials of Influenza Vaccines that Induce Broadly Protective and Long-lasting Responses" in Hong Kong. The meeting was held at the Hong Kong Baptist University, which is attended by over 250 foremost experts in influenza research invited by WHO from about 30 countries.
- ✧ 2013.07: Organized the "WEO Tour of Vision X" to the historic XI Baipo in Hebei Province to perform eye checkups for the poor.
- ✧ 2013.12: Organized the "WEO Tour of Vision XI" to Puning in Guangdong Province to perform free eye check-ups and surgeries for the poor.
- ✧ As of to-date, WEO has established 9 eye centers and institutes in China. It is hoped that eventually there will be at least one such center per province, and this project will be extended to other countries.
- ✧ Dr. Lam has participated in a number of charitable and government organizations as a founder, director or philanthropist, including the U.S. President's Committee on the Arts and Humanities, International Trade Commission (Texas), Project Orbis, Cynthia Woods Mitchell Performing Arts Center, Houston Educational Foundation, Asia Society, American Heart Association, Houston Grand Opera, Retina Research Foundation, Society for the Homeless, Youth Outreach, Hong Kong Eye Foundation, Hong Kong Arts Development Council, World Eye Organization, Matilda International Hospital, Torsten Wiesel Research Institute at WEO West China Hospital Sichuan University China, Dialogue in the Dark, World Culture Organization, Education Bureau of Hong Kong, etc. In particular, 2010 Lam's painting "A Voyage of Discovery: Universe" was acquired by a foundation for US\$ 1 million and donated to charity. [13][19]

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