VISION
Pioneering medicine for the 21st century

MISSION
Transforming medicine, improving lives

Duke-NUS graduates shape the future of medicine and patient care. We groom doctors and scientists of distinction and leadership. We nurture first-rate biomedical research and research training, to promote the translation of laboratory-based scientific discoveries into clinical practice.
MEDICAL EDUCATION IN THE 21ST CENTURY

ABOUT THE SCHOOL
• Established in 2005, Duke-NUS Graduate Medical School is Singapore’s first U.S. styled graduate-entry medical school.
• Combines the medical training and research traditions of Duke University in North Carolina with the National University of Singapore (NUS).
• Graduates are conferred a joint Doctor of Medicine (MD) medical degree from Duke University and NUS.
• Duke-NUS students undertake a four-year medical program after earning a baccalaureate degree in any field other than medicine.

OUR EDUCATION MODEL — BASED ON THE DUKE CURRICULUM
Our integrated approach combines academic learning, clinical experience and research
• Students cover basic sciences in their first year.
• Students care for patients one year earlier than their peers at other American medical schools.
• Students devote one year to independent scholarship and research to develop interests in becoming future clinician-scientists.

TeamLEAD —
A DUKE-NUS INNOVATION IN MEDICAL EDUCATION
Learn Students do self-directed learning and review core content before they come to class.
Engage Students work in teams to engage in problem-solving, for an active learning environment.
Apply With core concepts covered, students apply their knowledge to solve practical applications of the core content.
Develop Students develop critical and creative thinking skills which enables them to be future leaders who will improve the practice of medicine.

KEY MILESTONES
2000 Singapore launched a S$3-billion Biomedical Sciences Initiative designed to make the country Asia’s biomedical hub.
2001 A Ministry of Education appointed Medical Education Review Panel recommended that Singapore establishes a graduate medical school to produce highly trained clinician-scientists to support the biomedical sciences.
2002 A delegation of leaders from Singapore visited Duke University to discuss a partnership to establish the school.
2003 Duke University and NUS signed a Memorandum of Understanding to establish Singapore’s first U.S. styled medical school.

OUR PROGRAMS
• MD Program
The four-year medical program not only produces doctors who treat patients but improve the practice of medicine. They have the necessary training in medical science to conduct research to translate laboratory discoveries into meaningful applications that can benefit patients and improve the overall healthcare and practice of medicine.

• PhD Program in Integrated Biology and Medicine (IBM)
The program incorporates key aspects of Duke and NUS graduate programs: an innovative core foundation training course, broad scope discipline-specific and specialty program courses, and a qualifying examination. The program emphasizes training in translational science. Specialty tracks are offered in Cancer and Stem Cell Biology, Cardiovascular and Metabolic Disorders, Neuroscience and Behavioral Disorders, Health Services and Systems Research, and Emerging Infectious Diseases.

• MD/PhD Program
The combined MD/PhD program is offered to students who are committed to intensive research-oriented careers, combining biomedical research with the practice of clinical medicine.
OUR RESEARCH PROGRAMS

Each of these five programs aims to make a substantive impact on Singapore’s biomedical sciences scene, formed on the underlying principle that there is a competitive advantage for performing certain types of research in Singapore. The programs also capitalizes on strengths at Duke University.

The five Research Programs are:
• Cancer and Stem Cell Biology
• Cardiovascular and Metabolic Disorders
• Emerging Infectious Diseases
• Health Services and Systems Research
• Neuroscience and Behavioral Disorders

CENTERS

Center for Quantitative Medicine (CQM) is an academic home made up of quantitative scientists in the medical field. It serves as a point of contact for biomedical researchers from Duke-NUS partners requiring quantitative expertise.

The Cognitive Neuroscience Laboratory (CNL) is one of the pioneer labs of the Duke-NUS Graduate Medical School. It is a multidisciplinary research laboratory that studies the neural underpinnings of human behavior primarily using magnetic resonance imaging (MRI).

The Lien Center for Palliative Care is the first of its kind in Asia. It aims to build up a strong pool of palliative healthcare professionals to enhance service delivery through innovative training programs and research.

IN NUMBERS...

Published over 500 papers in international peer-reviewed journals
More than 500 full-time and adjunct faculty in research and education
More than S$119 million in research funding locally & overseas
4 Singapore Translational Research (STaR) Investigator Awards
11 Clinician Scientist Awards*
3 recipients of National Research Foundation Fellowships
More than 35 research collaborations & research partnerships
18 patents filed, 2 of which received commercial licensing interest
1 biotech company started up by 2 Duke-NUS faculty

* includes faculty with primary appointment at Duke-NUS

Note: Information as at January 2012

April 2005
Duke University and NUS formalized first phase of a partnership to establish the new graduate-entry medical school, which is named Duke-NUS Graduate Medical School Singapore.

August 2007
First Duke-NUS MD class was enrolled.

September 2009
Singapore’s Prime Minister Lee Hsien Loong officially opened the new campus.

November 2010
Duke University and NUS officially signed an agreement to mark their second phase of collaboration in medical education and research.

July 2011
The inaugural class of MD students embark on their residency training in hospitals and national institutes on graduation.
OUR STUDENTS

• Diverse training & backgrounds
Our students come from Singapore, Asia, America and all around the world. They earned their Bachelors, Masters and PhDs in varied fields like Life Sciences, Engineering, Economics, Liberal Arts, Pharmacy, Dentistry and Nursing, from the National University of Singapore, Nanyang Technological University, Duke University and other key institutions including Johns Hopkins, Yale, Harvard, Stanford, Oxford, Cambridge, Fudan and Peking University.

• Academic excellence
Our students performed on par and in many cases better than the U.S. average on standardized tests of core medical competencies. Students have submitted abstracts and published research papers, some in Tier 1 journals.

• Passionate about helping the community
Our students initiated various community projects, including Camp Simba, for children whose parents were suffering from cancer and Project KAREn, where students conducted annual health and dental screenings for villagers in Chiang Mai, Thailand.

SHARING OUR VISION FOR A BETTER TOMORROW

Duke-NUS and the following organizations are dedicated to build Singapore into a vibrant biomedical hub. Together, we shape the future of the practice of medicine and medical research, to improve lives.

"I chose Duke-NUS not only because I want to be close to my family but also because of its unique medical education. Having been educated in Singapore and New York (Electrical Engineering, Cornell University), I wanted to study in an institution that offers the diversity and intellectual curiosity of the American education system as well as the rigor and depth of the British/Singaporean education system. Duke-NUS was a clear choice for my medical education."

— Chia Ghim Song, a graduate from the MD class of 2011 (Left in picture with classmates)

* All information correct as of January 2012