

Medical education, research get \$1m gift



Signing the collaborative agreement were (from left) Prof Dwikorita Karnawati, Dato' Sri Prof Dr Tahir and Prof Tan

Indonesian philanthropist Dato' Sri Prof Dr Tahir has contributed \$1 million to kickstart a new partnership in medical education and research between NUS and Universitas Gadjah Mada (UGM), a leading university in Indonesia.

Professor Ir Dwikorita Karnawati and Dato' Sri Prof Dr Tahir. The ceremony was graced by former Indonesian President Professor Dr Susilo Bambang Yudhoyono and other distinguished guests.

relations with NUS, and also emotional relations with NUS, so I hope NUS and UGM can grow further for the benefit of the whole world."

The collaboration between NUS Yong Loo Lin School of Medicine and UGM will focus on medical education, including student electives and the development of a global medicine curriculum.

At the event, Dato' Sri Prof Dr Tahir, an alumnus of NUS and UGM, said he felt honoured being able to participate in education or healthcare. "I have very good

The Tahir-NUS-UGM Collaboration in Medicine was signed on 4 May by NUS President Professor Tan Chorh Chuan, UGM Rector

Both medical schools will also build clinical and governance capacity through training workshops and attachments in various medical specialties.

Prof Tan pointed out that "collaborations with like-minded institutions are very important, as these enable the pooling of complementary expertise, clinical experiences and research, which are necessary to accelerate the development of new treatment approaches and implementation of clinical 'best' practices."

Thus, the Tahir-NUS-UGM Collaboration in Medicine "enabled by the generous gift from Dato' Sri Prof Dr Tahir, is a vital one". Prof Tan thanked the philanthropist for his gift, adding, "We are also extremely grateful for the generous and unstinting support that he has shown NUS for over nearly a decade, through gifts to bursaries, scholarships and medical research at NUS."

CIL-MPA ocean governance programme

A new research programme, which looks into ocean governance and areas critical to strengthening Singapore's position as a global maritime knowledge hub, has been launched by the NUS Centre for International Law (CIL) and the Maritime and Port Authority of Singapore (MPA).

CIL will set up the CIL-MPA Oceans Governance Research Programme with a three-year \$1.56 million research grant from the Singapore Maritime Institute (SMI) supported by MPA.

Dr Andre Wan, Director for Strategic Initiatives and Partnerships, NUS Research & Technology; and Mr Heng Chiang Gnee, SMI Executive Director inked the grant agreement on 21 April at the sidelines of the annual Singapore Maritime Week.

Associate Professor Robert C Beckman, CIL Director and concurrent head of CIL's Ocean Law and Policy Programme, will head the CIL-MPA Programme. The new programme will look into areas such as opportunities and challenges in Arctic shipping, contemporary developments in the United Nations Convention on the Law of



Signatories Dr Wan (left) and Mr Heng firming up the agreement

the Sea transit passage regimes and measures available for marine environmental protection.

The feasibility of drawing up a new international agreement to govern the sustainable use and conservation of marine biodiversity in areas beyond national jurisdiction will also be analysed.

CIL will explore academic and research collaborations with leading legal academics and experts around the world. It will also convene conferences and roundtable workshops for discussions.

New CIL Director

Ms Lucy Reed, Head of the global international arbitration and public international law groups at Freshfields, will join NUS in July 2016 as Director of the Centre for International Law (CIL), a regional intellectual hub and thought leader for research and training. She will also be appointed as the first Professor of Practice at NUS Law.

Ms Reed has been a partner at leading legal firm Freshfields Bruckhaus Deringer since 1998 and assumed her current position in 2009.

She was with the US government as legal adviser in the State Department from 1985 to 1993, and was general counsel of the Korean Peninsula Energy Development Organization in Asia. She has also been active in academia.

Ms Reed will succeed Associate Professor Robert Beckman, CIL's Founding Director, who will continue to helm its programme on Ocean Law and Policy.



Sembcorp-NUS Lab drives green issues



Mr Teo (2nd from right) touring the exhibition highlighting the Lab's projects with (from right) NUS Engineering Assoc Prof S K Panda, NUS Chairman Mr Wong Ngit Liong, Prof Tan, Sembcorp-NUS Corporate Lab Director NUS Engineering Prof Ng How Yong, and NUS Engineering students

The world's increasing demand on energy and water grows in tandem with the production of waste and pollution, which adversely impacts the environment. The new \$60 million Sembcorp-NUS Corporate Laboratory will be leveraging the latest technologies to find solutions to address these challenges.

Launched on 20 April, the Corporate Laboratory will focus on resource optimisation of energy, water and waste, specifically power generation, industrial wastewater treatment and water reuse,

as well as the upcycling of waste into useful and high-value products.

The facility was officially opened by Guest-of-Honour Mr Teo Chee Hean, Singapore Deputy Prime Minister and Coordinating Minister for National Security.

Located at NUS Engineering, the Corporate Laboratory will tap the expertise of 45 NUS researchers and 35 Sembcorp engineers in laboratory and pilot studies. Research will be conducted using actual-size facilities, with the final aim of full-scale implementation.

Research projects will include development of predictive maintenance systems that enhance the efficiency of energy generation operations, while reducing emissions and waste; and creation of cost-effective solutions to meet chemical oxygen demand discharge standards.

Biological models to optimise plant performance and reduce discharge; and conversion of solid residue from power and incineration plants into high-value products will also be studied.

“Through such collaborations between universities and companies, we seek to align public sector research more closely to industry needs, to bring about greater positive impact to our society and economy.”

– Mr Teo Chee Hean, Singapore Deputy Prime Minister

The Corporate Laboratory will work closely with NUS Engineering research centres such as the Centre for Water Research and Centre for Advanced Materials and Structures. It will also enable NUS students and researchers to gain experience in industrial R&D, especially with Sembcorp engineers.

A legacy to lift law students

“In Singapore, education is a great leveller. With a sound education, you can achieve many goals. It doesn't matter who your parents are. When I help deserving young students pursue their education, there is a multiplier effect when they in turn go on to help many others when they do well later in life.”

Madam Agnes Sng '84

Madam Agnes Sng nominated NUS as the beneficiary of her Central Provident Fund. She made this decision in the hope that law students in financial need can enjoy university and go on to help others later in life.

To find out more about making a gift to NUS, call 1-800-DEVELOP (1-800-338-3567), email askdvo@nus.edu.sg or visit www.giving.nus.edu.sg



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