

## THE PARTNERSHIP



*10 Years of Improving Patients' Lives Together*

In 2015, the SingHealth Duke-NUS partnership entered its tenth year. Previously established Academic Clinical Programmes (ACPs) flourished in the areas of research and education, spurred by the guidance provided by the esteemed Academic Medical Advisory Council.

Sprouting from the academic fervour are SingHealth Duke-NUS Disease Centres (SDDCs), taking multidisciplinary practice to a higher level and enabling subspecialties across ACPs to come together and offer patient-centered care. The SDDCs break away from the traditional hospital setting, graduating to disease-based care, where patients receive holistic care from a broader base of healthcare professionals without the need to travel to multiple institutions.

Reinforcing transformation in clinical services are research collaborations between the ACPs and Duke-NUS' Signature Research Programmes, culminating in the formation of national research institutes for cardiovascular, neuroscience and health services study.

### SingHealth Duke-NUS Disease Centres (SDDCs)

First formed in 2014, SDDCs are multidisciplinary and multi-institutional integrated practice units that focus on the treatment of particular disease groups so that patients can benefit from better care. There are currently five SDDCs:

- 1 Head & Neck Centre (Led by Dr Tan Hiang Khoon, NCCS)**  
Brings together multidisciplinary specialists to care for patients with tumours of the head and neck region
- 2 Breast Centre (Led by Dr Ong Kong Wee, NCCS)**  
The largest centre in Singapore treating the full spectrum of breast conditions, serving patients at SGH, NCCS and KKH



These institutes focus on fostering research collaboration, developing core facilities and encouraging further collaborations between scientists and clinicians to improve patient care.

Supporting the academic journey are the joint institutes of research and education, which facilitate the active growth and development of driven scientists and educators into the SingHealth Duke-NUS family.

- 3 Lung Centre (Led by Adj Prof Lim Chong Hee, NHCS)**  
Multi-disciplinary centre for cardiovascular and lung treatment
- 4 Diabetes Centre (Led by Dr Bee Yong Mong, SGH)**  
The centre providing holistic and integrated diabetes care for patients
- 5 Liver Transplant Centre (Led by Dr Jeyaraj Prema Raj, SGH)**  
Integrated and multidisciplinary centre furthering clinical service, education and research in liver transplant

## Academic Medicine—Enhancing Training, Healthcare, Outcomes & Standards (AM-ETHOS)

The AM-ETHOS is a set of new initiatives developed based on recommendations from the Academic Medicine Advisory Council (AMAC) to build capacity and capabilities for the SingHealth Duke-NUS Academic Medical Centre (AMC). Comprising five fellowships, two project grants and an Academic Development Fund (ADF) for strategic competencies, AM-ETHOS aims to enhance the learning and practice of Medicine by developing good role models, retaining excellent academic clinician faculty and cultivating a rich research culture to drive improvements in healthcare. Developed by the Joint Office of Academic Medicine, four of the initiatives have been launched.

### 1 Duke-NUS Medical Students Research Fellowship

Spur medical students' interest in clinical and translational research and grow a research talent pipeline for SingHealth Duke-NUS AMC, supported by committed research mentors from the Academic Clinical Programmes (ACPs).

- Early identification of potential clinician researchers and scientists for ACPs
- Attract more ACP faculty as research mentors to medical students
- Engagement of medical students and guided pathways to grow research careers within SingHealth Duke-NUS AMC

### 2 Academic Mentor Development Fellowship

Developing excellent academic clinician faculty leaders to become role models to medical students and junior faculty through academic leadership exposure at Duke Medicine and other leading AMCs.

- Tap on expertise of AMAC network to enhance academic exposure and AMC thought-leadership
- Pairing with senior faculty and AMC leaders for sharing of best practices through a tailored 1 year academic mentoring plan
- Cultivate strong academic leadership to advance our AMC

### 3 Senior Faculty Academic Study Fellowship

Empowering senior academic clinician faculty leaders for next level of contributions in our AMC through an advanced academic development Fellowship for up to 3 months in their specific area of strategic focus.

- Enhance capabilities in relevant areas of academic and leadership development
- Support for senior academic clinician faculty leaders to pursue emerging fields of interest for further contribution and leadership
- Recognition and support for outstanding faculty leaders

### 4 Medical Simulation & Inter-Professional Learning Project Grants

Improving the standards of academic clinical training and learning outcomes for Duke-NUS medical students. Support is given to innovative proposals harnessing simulation to enhance medical education curriculum and capabilities for our AMC.

- Strengthen range of expertise in simulation infrastructure at collaborative platforms across SingHealth and Duke-NUS
- Develop train-the-trainers programmes to equip academic clinician faculty
- Explore pilot initiatives for inter-professional learning across Duke-NUS and SingHealth

The AM-ETHOS Academic Administrator Fellowship and Academic Medicine Fellows Exchange Programme are on-going initiatives leveraging the strengths of Duke Medicine to facilitate academic cross-sharing of best practices and AM culture. The Academic Development Fund for Strategic Competencies and Duke-NUS Education Project Grants will be launched by end of FY2015.

## National Research Institutes

Results of a joint venture between ACPs and Duke-NUS Signature Research Programmes to improve treatments of diseases through collaborative research.

### 1 National Neuroscience Research Institute Singapore (NNRIS)

Singapore's largest institute specialising in neuroscience research, bringing together more than 200 neurologists, neuroscientists and research professionals from NNI and Duke-NUS to work in collaboration

### 2 National Heart Research Institute Singapore (NHRIS)

Established with the aim of transforming cardiovascular outcomes, with research themes ranging from heart function and genetics to regenerative medicine