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REACH OUT

TO OUR EDUCATION AND RESEARCH PROGRAMS

- **SURGICAL SKILLS & SIMULATIONS CENTRE,
SINGHEALTH DUKE-NUS**

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- **CLINICIAN SCIENTIST DEVELOPMENT (CSD)**
• SEED GRANT, COURSE SPONSORSHIP

- **RESEARCH MENTORSHIP**

- **COLLABORATIONS WITH INSTITUTES OF HIGHER
LEARNING (IHL)**

- **SURGEON-SCIENTIST START-UP GRANT (S4G)**

- **CLINICAL AND RESEARCH DATABASE REGISTRY
(CARAR)**

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OUR DEPARTMENTS

AS OF DECEMBER 2014

SGH

Department of Anaesthesiology • Department of Colorectal Surgery • Department of General Surgery • Department of Hand Surgery • Department of Hepatopancreatobiliary/Transplant Surgery • Department of Orthopaedic Surgery • Department of Otolaryngology • Department of Plastic, Reconstructive & Aesthetic Surgery • Department of Upper GI and Bariatric Surgery • Department of Urology • Department of Vascular Surgery

KKH

Breast Department • Cardiothoracic Surgery Service • Colorectal Service • Department of Orthopaedic Surgery • Department of Otolaryngology • Department of Paediatric Anaesthesia • Department of Paediatric Surgery • Department of Plastic, Reconstructive & Aesthetic Surgery • Dental Service



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SURGICAL SKILLS &
SIMULATION CENTRE



SurgeOn

Surgery ACP Newsletter

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JOURNEY OF SSSC

the Surgical Centre in Academia

May 2014
Conference Secretariat
for 1st Asia Pacific Vascular Symposium

1st Asia-Pacific Vascular Symposium
8 - 11 May 2014
Academia, Singapore

July 2013
Main Workshop Secretariat
for 19th Asian Congress of Surgery &
at SingHealth Surgical Congress

Jan 2015
Rebranding of SSSC

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TALENT

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EXCELLENCE

SURGERY
Academic Clinical Program

Partners in Academic Medicine

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CELEBRATING
ACHIEVEMENTS



A LEADING CENTRE

Surgical Skills & Simulation Centre (SSSC), SingHealth Duke-NUS



The SSSC is a SingHealth Duke-NUS training centre that brings together all surgical, simulation and procedural skills courses under one roof. The training is delivered through various skills-specific platforms with faculty from across all surgical and procedural specialties. This set-up allows us to utilise our resources and facilities more efficiently and effectively, and in so doing, provide high-quality skills training, both in terms of course contents and course delivery, through the use of our state-of-the-art facilities and infrastructure.

We also aim to play a pivotal role in the skills training of our residents and medical students and work with the various stakeholders like SingHealth Residency on curriculum planning, and with industry partners on the provision of education grants to help make the training programs more affordable.

Leveraging on the strong SingHealth Duke-NUS partnership, the SSSC aims to be a world class surgical skills and simulation centre.

A/Prof Andrew Tan

Director, Surgical Skills & Simulation Centre, SingHealth Duke-NUS
Deputy Head and Senior Consultant, Orthopaedics, SGH

JOURNEY OF SSSC

July 2010
Centre renamed to
SGH Surgical Skills Centre



July 2013
Opening of the Surgical
Simulation Centre in Academia



May 2014
Conference Secretariat
for 1st Asia Pacific Vascular Symposium



Oct 2007
Establishment of
Endo-Lap Simulation Centre



Oct 2012
Launch of SSSC Website
www.sgh.com.sg/sghssc



July 2013
Main Workshop Secretariat
for 19th Asian Congress of Surgery &
1st SingHealth Surgical Congress



Jan 2015
Rebranding of SSSC

SSSC TRAINING PLATFORMS



VISION :
The SSSC aims to be a world class surgical skills training centre

MISSION :
To deliver surgical skills education through dedicated state-of-the-art facilities and a comprehensive curriculum for healthcare professionals

ALIGNED TO GOALS OF ACADEMIC MEDICINE :
Improve Patients' Lives and Transform Medicine

TRAINING CALENDAR 2015

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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- CRITICAL CARE
- ENDOSCOPY
- LAPAROSCOPY
- MUSCULOSKELETAL
- OBSTETRICS & GYNAECOLOGY
- TRAUMA/GGS
- SURGICAL CONGRESS
- MEDICAL STUDENT EDUCATION

For more information, please visit www.sgh.com.sg/sghssc | Email : sssc@sgh.com.sg

NURTURING TALENT

SURGEON-SCIENTIST STRATEGIC START-UP GRANT (S4G)



“ The funds from the S4G award are crucial as it empowers me to continue my laboratory work along with my surgical training. ”

Dr Johnny Ong Chin-Ann
recipient of the S4G

1. *Why did you decide to pursue research as part of your clinical career? What are your research interests?*

I knew it would be challenging to pursue a PhD in biomedical research. I was a first year Registrar at the Department of General Surgery and many of my peers felt that taking four years away from clinical practice may seem unforgiving. However, I was spurred by a desire to find out how research could lead to better treatments for patients. I've always been fascinated by the genomics of cancer and how that can lead to a cure for the disease.

2. *Why is the S4G important to you?*

The S4G is a prestigious award, so I'm thrilled to receive it. The award shows that SingHealth recognises clinical research and more importantly, values my research. The award has boosted my desire to continue to take on more cutting-edge research. The funds from the award are crucial as it empowers me to continue my laboratory work along with my surgical training.

3. *Any future research plans?*

The S4G award and funding provides me with a platform for testing novel hypothesis and obtain preliminary data, specifically focusing on novel therapeutic strategies. I hope that can help me apply for national funding to continue the translational research as part of my career.



Dr Johnny's Advice :

Have a good mentor

Manage your time well

Don't be discouraged by failures in experiments

Overcome challenges with passion and commitment

FUNDING EXCELLENCE

I. SEED GRANT RECIPIENTS IN 2014

Provide seed funding for budding surgeon-scientists to kick-start their research in preparation for future external grant. The following have been awarded the Seed Grant Award in 2014:

Name	Project Title	Institution	Department
Amos Loh Hong Pheng	Clinico-pathological correlation and development of preclinical models of Asian paediatric solid tumours	KKH	Paediatric Surgery
Cindy Goh Siaw Lin	Heterotopically-assembled vascularised scaffolds lined with epithelium – a durable tracheal substitute	SGH	Plastic, Reconstructive & Aesthetic Surgery
Kenon Chua	Tissue Engineering Using Umbilical and Bone Marrow Mesenchymal Stem Cells as Seed Cells on Human Mineralized Bone Matrix in Treating Critical Sized Bone Defects	SGH	Orthopaedic Surgery
Loh Yee Jim	Design and development of a percutaneous endoscopic guided vein harvesting system	KKH	Cardiothoracic Surgery Service
Ong Chin-Ann Johnny	An immunohistochemical panel as an adjunct to clinical staging algorithms for prognostication of head and neck cancers	SGH	General Surgery
Tan Shi Yan Shaun	The use of Indocyanin Green Angiography in the identification of Novel Sentinel Nodal Stations in the Axilla	SGH	General Surgery
Toh Song Tar	Hyoid expansion with titanium plate and screw with hyomandibular suspension: A study on human cadavers with Computed Tomographic [CT] comparative analysis on changes in airway dimensions pre and post suspension	SGH	Otolaryngology

II. COURSE SPONSORSHIP

Funding for tuition fees for candidates interested in formal research degrees. (eg: MCI, MSc, MPhil programs)

The following have been awarded the course sponsorship in 2014:

Dr Tan Shi Yan Shaun

Department of General Surgery, SGH

For Master of Surgery (University of Melbourne)



CELEBRATING ACHIEVEMENTS



HONORARY FELLOWSHIP OF THE COLLEGE OF SURGEONS OF HONG KONG

Professor London Ooi, SGH Surgery Division Chairman and Academic Chair of the SingHealth Duke-NUS Surgery Academic Clinical Program, was conferred the Honorary Fellowship of the College of Surgeons of Hong Kong in September 2014 in recognition of his outstanding achievements in advancing the field of hepatobiliary and pancreatic surgery and for his close ties with the Hong Kong College of Surgeons.

Prof Ooi also delivered the prestigious Arthur Li Oration on the topic "British style surgical training or US Residency – the Singapore Experiment".

NUS YONG LOO LIN SCHOOL OF MEDICINE DEAN'S AWARD FOR TEACHING EXCELLENCE

This award recognises the remarkable contributions of teachers who have dedicated time and demonstrated commitment to train medical students from the NUS Yong Loo Lin School of Medicine.

ACADEMIC YEAR 2012 / 2013		Dr Lim Sue Zann <i>General Surgery, SGH</i>		Dr Ng Chung Fai <i>General Surgery, SGH</i>		Dr Lim Suan Ling <i>Paediatric Anaesthesia, KKH</i>	
	ACADEMIC YEAR 2013 / 2014		Dr Boey Sek Koon <i>Anaesthesiology, SGH</i>		Dr Chew Min Hoe <i>Colorectal Surgery, SGH</i>		
			Dr Goh Minghui <i>Colorectal Surgery, SGH</i>		Dr Yap Tze Jin Robert <i>Hand Surgery, SGH</i>		Dr Ch'ng Jack Kian <i>Vascular Surgery, SGH</i>

NUS YONG LOO LIN SCHOOL OF MEDICINE ROLE MODEL CERTIFICATE OF COMMENDATION AY13/14

This annual commendation is based on graduating students' nomination of tutors who have inspired them during their medical studies.

NAME	DEPARTMENT	NAME	DEPARTMENT
1 Dr Chew Min Hoe, SGH	Colorectal Surgery	8 Dr Chin Pak Lin, SGH	Orthopaedic Surgery
2 Dr Teo Jin Yao, SGH	General Surgery	9 A/Prof Howe Tet Sen, SGH	Orthopaedic Surgery
3 Dr Chin Yuan Hui Andrew, SGH	Hand Surgery	10 Dr Koh Suang Bee Joyce, SGH	Orthopaedic Surgery
4 A/Prof Cheow Peng Chung, SGH	HPB/Transplant Surgery	11 A/Prof Lo Ngai Nung, SGH	Orthopaedic Surgery
5 A/Prof Chung Yaw Fui Alexander, SGH	HPB/Transplant Surgery	12 Dr Soh Chee Cheong Reuben, KKH	Orthopaedic Surgery
6 A/Prof Tan Mann Hong, SGH	Orthopaedic Surgery	13 Dr Goh Yaw Chong, SGH	Upper GI / Bariatric Surgery
7 A/Prof Tan Hwee Chye Andrew, SGH	Orthopaedic Surgery	14 A/Prof Tan Seck Guan, SGH	Vascular Surgery

DEAN'S AWARD FOR EXCELLENCE IN CLINICAL TRAINING

This award is given in recognition of departments that have achieved outstanding student rating for both teaching and posting for two consecutive academic years.

DEPARTMENT OF PAEDIATRIC ANAESTHESIA, KKH

SINGHEALTH PUBLISH! AWARD 2014

SingHealth Publish! Award is an annual award which celebrates researchers who have published quality articles in internationally acclaimed scientific or medical journals.

Dr Lee Ser Yee, SGH (Outstanding)

Published a paper "Exposure to ionising radiation during liver transplantation evaluation, waitlist time, and post-operative period: a cause for concern" in *Hepatology*.



Dr Shireen Nah, KKH (Medical Research)

Published a paper "Undescended testis: 513 patients' characteristics, age at orchidpexy and patterns of referral" in *Archives of Disease in Childhood*.



OUTSTANDING CLINICAL TEACHER AWARD 2014

This award is presented by KKH to clinicians who have demonstrated dedication and effectiveness in imparting knowledge and skills in their areas of work.

Dr Caroline Ong
Senior Consultant, Department of Paediatric Surgery



OUTSTANDING FACULTY AWARD AY13/14

This award is presented by SingHealth Residency in recognition of clinicians' outstanding and dedicated contributions to Medical Education.

A/Prof Agnes Ng
Senior Consultant, Department of Paediatric Anaesthesia



WHB-SMACF BEST MENTOR AWARD 2014

This award is presented by the Wong Hock Boon Society in appreciation of clinicians' outstanding and dedicated contributions.

Dr Shireen Nah
Staff Physician, Department of Paediatric Surgery

