



NUHS Clinician  
Scientist Academy

# 2025 YEARBOOK

FROM IDEAS TO IMPACT:  
OUR YEAR IN REVIEW



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# 2025 MILESTONES

WHERE VISION MEETS ACTION

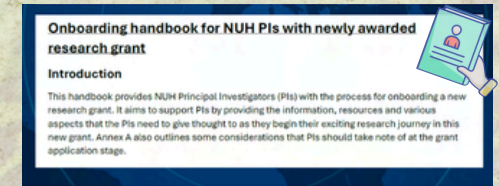
## January

Kickstarted the inaugural session of the “Lemon to Lemonade” series



## March

- Kicked off the quarterly **CS Spotlight**
- Held the first “**Meet & Greet**” session
- Rolled out the “**Onboarding handbook for NUH PIs with newly awarded research grants**”



## February

Over 90% attendance at Prof. Howard’s workshop on “**Structure of a Scientific (Clinical) Manuscript**”

## April

Launched the **ExxonMobil-NUS Research Fellowship** for clinicians



## July

Organized a **fireside chat** and **1-to-1 workshop** with invited overseas speaker **Dr Foo Shi Yin** (Scientific founder and CEO, Arvada Therapeutics).



## June

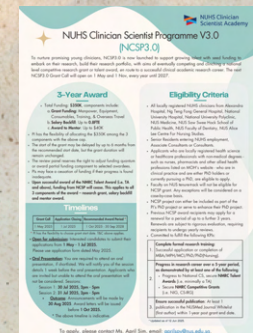
- “**Leadership training by Ariel Group**” for selected clinician scientists (NUSMed tenure staff and pre-NUS tenure staff)
- **Dinner engagement** with tenure track CS-es, nursing assistant professors, and pre-NUS CS-es



Pasta Fresca Da Salvatore (Boat Quay)

## May

Launched the first grant call for **NSCP 3.0**



Only key milestones are highlighted here—flip through the pages to explore the full lineup of events organized throughout the year.

# 2025 MILESTONES

WHERE VISION MEETS ACTION

## September

- Rolled out the **Research Elective Fellowship** with streamlined automated processes
- Launched **L.I.F.T.**, a grant strategy team dedicated to supporting prestigious, programmatic research applications (> S\$10 million)



## August

Third **Clinician Scientist Bootcamp** held in collaboration with CSDU



## October

Knowledge-sharing session NUS Medicine Communications Team on the topic **“Enhancing the visibility of our research in the media and social media space”**



## November

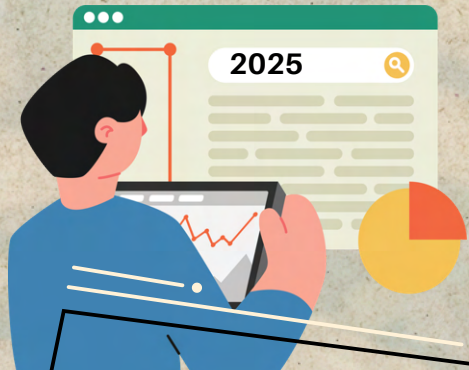
Inaugural **CS Academy & Medsci-Alliance Retreat** with over 124 attendees



## December

NSCP, NMRC RTF, PhD, and MCI candidates shared insights and strategies for overcoming challenges while celebrating the festive season at **“Holiday Cheer & Connect: Junior Investigator Edition”**





Elevating clinical science through learning and engagement. Practical skill-building, inspiring speakers, and cross campus collaboration. A diverse participant base spanning clinicians, researchers, students, and administrators across NUH, AH, NTFGH, NUSMed, ALCNS, SSHSPH, and NUS FoD, with selected participation from NUS CDE, SoC, FASS, and FoS.

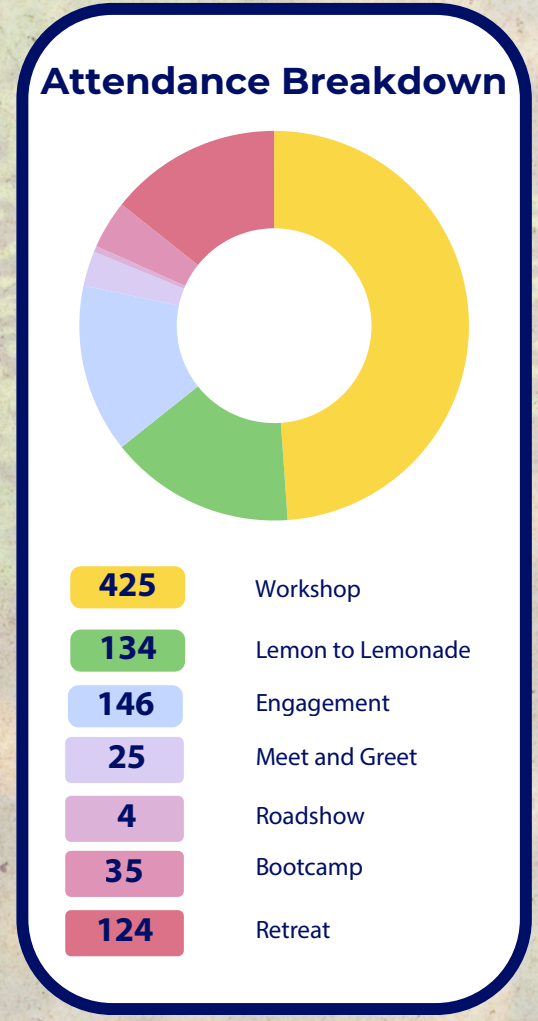
  
**41**  
 Events Organised

  
**893**  
 Total Participants

**4.71/5**  
**Average Satisfaction**  


# 2025 MILESTONES

A HIGH IMPACT YEAR  
 (CS ACADEMY)



# 2025 MILESTONES

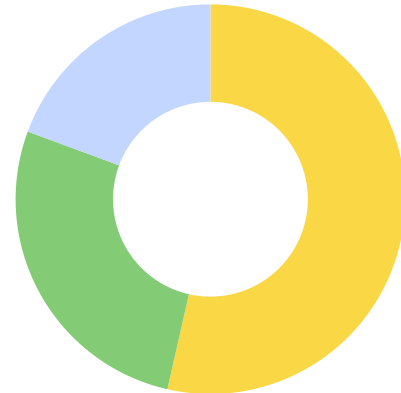
A HIGH IMPACT YEAR  
(RESEARCH SUPPORT UNIT)

THANK YOU SO MUCH. This course was really great! pace was good and Dr Shen was very knowledgeable, clear and helpful.

The course equipped me with skills to better understand scientific study/ papers

Thank you, it was very nice and extremely useful hands-on course

## Attendance Breakdown



83	Biostatistics
42	Scientific Illustration
30	Systematic Review



9

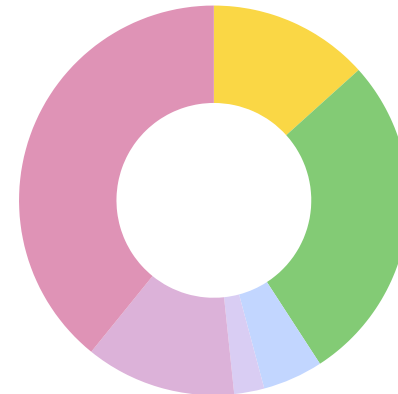
Workshops Organised



155

Total Participants

## Participant Profile



39	NUS
36	NUHS
12	NTFGH
4	AH
16	NUP
48	Others

# About Us



## WHO ARE WE?

CS Academy, under NUHS Research Office, supports the broad body of clinicians, across the Western health cluster and the three NUS health sciences schools, who are interested in exploring a career in research.

Led by Associate Professor Catherine Ong, it offers the platform for training and networking, for clinicians to become clinician scientists and fosters an exciting research ecosystem for NUHS clinicians through a *three-pronged approach; support, enable and nurture*.



## OUR MISSION

To foster an exciting ecosystem for research among clinicians in NUHS

# Three-Pronged Approach



## SUPPORT

- **Grant Funding**
  - ExxonMobil-NUS Research Fellowship
  - NCSP 3.0
- **Cross Faculty Research Elective Fellowship**
- **Research Concierge**
- **Research Support Unit**

Provide research grants to support young talents with funding to embark on their research and build their research portfolio. Research support unit provides professional support for biostatistics, systematic review, medical/scientific communication and scientific illustration. Research concierge provides administrative support and guidance to pipeline clinician scientists.



## ENABLE

- **Skills Equip**
  - Lemons to Lemonade Series
  - Workshops/Training Series
- **Resources**
  - CS Spotlight
  - CS Guidebook
  - Onboarding Handbook for PI

Conducts regular talks and workshops to train and equip our young clinician scientist with the knowledge and skills on a wide range of topics to enhance their research capabilities. Nurturing clinician scientists to progress in their research career in the future world research.



## NURTURE

- **Networking**
  - Meet and Greet
- **Clinician Scientist Bootcamp**
- **CS Academy Retreat**
- **Engagement**
  - A\*STAR Scholars
  - Tenure-track & pre-NUS CS-es, Nursing Assistant Professors
  - NCSP Recipients, NMRC RTF Awardees, PhD, MCI Candidates

Provides a forum for young and experience clinician scientists to network. Meet and Greet sessions provides dialogue platform for young clinician scientists to seek wisdom and be inspired by giants of the field. Dialogue sessions allows clinician scientist to seek guidance and share experiences

# Message (Head of CS Academy)



At Academy, we started 2025 with a To-Do list from the previous year's retreat. Some of you would recall the first retreat held in Sentosa, where we discussed our dreams, obstacles and potential solutions. We also discussed about strategies to strengthen our collaborations with our NUSMed scientists.

Since then, our Council members worked hard, hosting an array of events such as the Lemons to Lemonade Series, Clinical Trial series and Boat Quay dinner with Head of University Promotion & Tenure Committee to initiatives such as Ariel Leadership training and NCSP 3.0 for the community. I am glad our efforts to empower and build the community are starting to bear fruit.

As 2025 draws to a close, I am heartened to see this year, the clinical and our scientist communities have grown closer with more events, collaborations and friendships built. We also need to remember, we have other neighbours (i.e Faculties) on Kent Ridge campus to forge partnerships with and to further grow. Next year is promising to be another exciting year ahead as we journey together.

*Catherine*

A/Prof Catherine Ong  
Head, NUHS CS Academy

# OUR TEAM



**A/Prof Catherine Ong**  
Head, CS Academy



**Ms. Elaine Tan**  
Assistant Director



**Ms. Wee Yu Ting**  
Assistant Manager



**Ms. April Sim**  
Senior Assistant Manager



**Ms. Rafika Binte Senan**  
Management Assistant Officer



**Ms. Jasmine Yong**  
Senior Assistant Manager



**Mr. Derek Chan**  
Senior Executive



# COUNCIL MEMBERS

(2024 - 2025)



**Prof Michael Chee**  
Singapore Translational  
Research Investigator Award  
Sleep and Neuroscience



**A/Prof Christopher Chen**  
Singapore Translational  
Research Investigator Award  
Neuroscience



**Prof Roger Foo**  
Clinician Scientist Award  
(Senior Investigator)  
Cardiology



**A/Prof Ng Siok Bian**  
Clinician Scientist Award  
(Senior Investigator)  
Pathology



**Prof Lim Seng Gee**  
Clinician Scientist Award  
(Senior Investigator)  
Gastroenterology & Hepatology



**A/Prof Luo Nan**  
HPHSR Clinician Scientist Award  
(Senior Investigator)  
SSHSPH



**A/Prof Shefaly Shorey**  
HPHSR Clinician Scientist Award  
(Senior Investigator)  
Nursing



**A/Prof Citra Mattar**  
Clinician Scientist Award  
(Investigator)  
Obstetrics & Gynaecology



**A/Prof Su Xinyi**  
Clinician Scientist Award  
(Investigator)  
Ophthalmology



**Adj A/Prof Chua Horng Ruey**  
Clinician Innovator Award  
Nephrology



**Dr Kaan Hung Leng**  
Clinician Innovator Award  
General Surgery



**Dr Tham Yih Chung**  
HPHSR Clinician Scientist Award  
(Investigator)  
Ophthalmology & Optometry



**Dr Amanda Chan**  
Transition Award  
Neurology



**Dr Mo Yin**  
Transition Award  
Infectious Diseases



**Dr Dedrick Chan**  
Research Training Fellow  
Colorectal Surgery



**Dr Shawn Lee**  
Research Training Fellow  
Pediatrics



THANK YOU ❤️

Greatest appreciation to all our council members.  
Thank you for your dedication and service to the  
NUHS community in the past year.

# COUNCIL MEMBERS

(2026 - 2027)



**Prof Michael Chee**  
Singapore Translational  
Research Investigator Award  
Sleep and Neuroscience



**Prof Jimmy So**  
LCG Lead-Principal Investigator  
General Surgery



**Prof Roger Foo**  
Clinician Scientist Award (Senior  
Investigator) & LCG Lead-  
Principal Investigator  
Cardiology



**A/Prof Ng Siok Bian**  
Clinician Scientist Award  
(Senior Investigator)  
Pathology



**A/Prof Chan Shiao-Yng**  
Clinician Scientist Award  
(Senior Investigator)  
Obstetrics and Gynaecology



**A/Prof Wee Hwee Lin**  
HPHSR Clinician Scientist Award  
(Senior Investigator)  
SSHSPH



**A/Prof Shefaly Shorey**  
HPHSR Clinician Scientist Award  
(Senior Investigator)  
Nursing



**Asst. Prof Joshua Tay**  
Clinician Scientist Award  
(Investigator)  
Otolaryngology - Head & Neck  
Surgery



**Asst. Prof Saima Hilal**  
Clinician Scientist Award  
(Investigator)  
SSHSPH



**Dr Clara Ngoh**  
Clinician Innovator Award  
Nephrology



**Adj. A/Prof Gao Yuja**  
Clinician Innovator Award  
General Surgery



**Asst. Prof Tham Yih Chung**  
HPHSR Clinician Scientist Award  
(Investigator)  
Ophthalmology



**A/Prof Stephen Hsu**  
PHRG Lead-Principal Investigator  
Dentistry



**Dr Dedrick Chan**  
Transition Award  
Colorectal Surgery



**Dr Sim Ming Ann**  
Research Training Fellowship  
Intensive Care Medicine &  
Anaesthesia



**Adj. Asst. Prof Benjamin Tan**  
Research Training Fellowship  
Neurology



A very warm welcome to all our council members. Thank you for stepping up to be part of this team and we're excited to have each of you on board.

# CS Definition & Numbers

## CS Definition

### National CS

Ongoing PIs of NMRC Human Capital Awards (STaR, CSA, HCSA, CIA).

### Cluster Clinician Researcher:

Ongoing Independent Clinician PIs

Not ongoing PIs of NMRC Human Capital Awards (STaR, CSA, HCSA, CIA), and meet all the following criteria:

1. Holds a MD/MBBS/BDS (for a doctor/dentist) or is a Healthcare/Health Science Professional<sup>^</sup>
2. Ongoing independent PI of at least 1 national/international grant of IRG-level (e.g. CS IRG, HSRG, NHIC I2D) or has funding from private (e.g. industry funding) / philanthropic sources
  - o The grant should not be TA, NIG, YIRG or equivalent level of award.
  - o Ongoing PIs of NMRC grants under the following programmes can be included:
    - i. CS Individual Research Grant (CS IRG)
    - ii. Clinical Trial Grant (CTG)
    - iii. COVID-19 Research Fund
    - iv. Health Services Research Grant (HSRG)
    - v. Population Health Research Grant (PHRG)
    - vi. National Innovation Challenge on Active and Confident Ageing (NIC Ageing)
    - vii. Open Fund - Individual Research Grant (OF IRG)
    - viii. Open Fund - Large Collaborative Grant (OF LCG) - include corresponding PIs and Theme PIs

Cluster Clinician Researcher:  
Cluster Designated CS

CS Pipeline:  
NMRC-Supported CS Pipeline

CS Pipeline:  
Cluster-Support CS Pipeline

## CS Definition

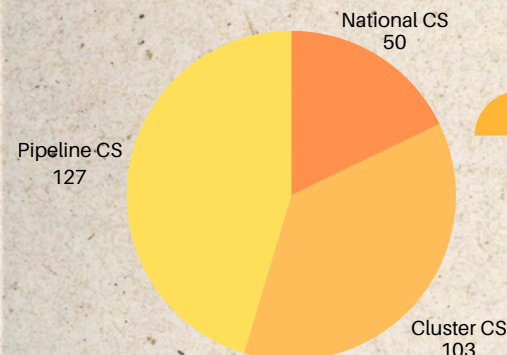
Holds a MD/MBBS/BDS (for a doctor/dentist) or is a Healthcare or Health Science Professional and belong to the following:

1. Leads, Theme and Core PIs of centre grants
2. Ad-hoc grants over \$10 Million
3. NUH top 10% for research index (publication and/or grant performance) & NUS EX grading for research - 3 out of 3 years (This includes Clinicians from NUH and NUS who are in the top 10% for 3 consecutive years)
4. MOE Tier 1, NUHS Seed Fund, NUHS innovation/medtech grants, collaborative grants, NIG with more than 8 years research training

Ongoing recipients of TA, CIDA, NMRC RTF and CS Residents

Not ongoing recipient of NMRC Talent Awards (STaR, CSA, HCSA, CIA, TA, CIDA, NMRC RTF or CS residency) or already listed as a Cluster Clinician Researcher, and meet all the following criteria:

1. Holds a MD/MBBS/BDS (for a doctor/dentist) or Healthcare/Health Science Professionals<sup>^</sup>
2. Undergoing or completed formal research training typically not exceeding 8 years and identified by cluster/medical school to be groomed as CS



**2025 CS Numbers: 280**

Data accurate as of January 2026



<sup>^</sup> Healthcare/Health Science Professionals - Nurses, Pharmacists, and Allied Health Professionals (AHPs) who are in clinical practice, doing research in clinical settings or doing research with clinical and healthcare applications/relevance. Ref. MOH website for the list of AHPs: <https://www.moh.gov.sg/hpp/allied-healthprofessionals/career-practices/CareerNPPracticesDetails/allied-health-professions>



Provide research grants to support young talents with funding to embark on their research and build their research portfolio. RSU provides professional support for biostatistics, systematic review, medical & scientific communication and scientific illustration. Research concierge provides administrative support and guidance to pipeline clinician scientists.

# SUPPORT

- **Grant Funding**
  - ExxonMobil-NUS Research Fellowship
  - NCSP 3.0
  - L.I.F.T
- **Cross Faculty Research Elective Fellowship**
- **Research Concierge**
- **Research Support Unit**

## GRANT FUNDING

# EXXONMOBIL-NUS RESEARCH FELLOWSHIP FOR CLINICIANS

The ExxonMobil-NUS Research Fellowship for Clinicians sponsored by the ExxonMobil Scholarship Fund, is a local fellowship for clinicians who wish to pursue research training in Singapore. The objective of the Fellowship is to recruit and nurture a promising cadre of clinician-scientists in Singapore actively involved in translational research by ensuring protected time for awardees to learn, undertake and develop a passion for research activity and administration.

### Quantum



- \$100,000 per awardee
- Option 1**
- 20% protected time (up to \$2,500 per month or \$30,000 per year)
  - \$70,000 grant funding to support awardee research project
- Option 2**
- 40% protected time (up to \$5,000 per month or \$60,000 per year)
  - \$40,000 grant funding to support awardee research project

### Eligibility



- Senior Resident/MO to Consultant level
- Singaporean or Singapore PR
- Must be able to commit 20% or 40% of time to research
- Attached to a basic science laboratory/research facility for a period of 1 year
- Supervisor/mentor must be academic staff from NUS Yong Loo Lin School of Medicine

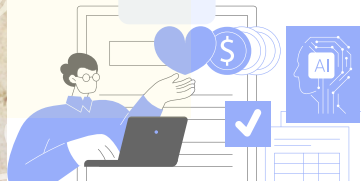
### Duration

- 1 year



### Deliverables

- At least one original publication stemming from this project within 1 year post grant end date
- Generation of preliminary data sufficient leading subsequently to an exploratory research grant proposal and successful winning of a competitive grant within the next 2 years



# Congratulations!

April 2025 Grant Call Awardees



**Dr Joseph Zhao**  
Resident, Internal Medicine, NUH

Mentor: Asst. Prof Anand Jeyasekharan  
*"Spatial evolution of tumour-infiltrating B cells in CLDN18.2-positive gastric cancer"*



**Dr Emmett Wong**  
Consultant, Medicine, NUH

Mentor: Asst. Prof Low Jun Siong  
*"Investigating the potential of chimeric antigen receptor T cells as a desensitization strategy in patients with kidney failure"*



**Dr Mok Yingting**  
Consultant, Pathology, NUH

Mentor: Asst. Prof Anand Jeyasekharan  
*"Clinical Implementation of Nanopore Long-Read Sequencing for Rapid and Cost-Effective Diagnostics: A Unified Approach to Comprehensive Molecular Profiling in Sarcomas"*



**Dr Khoo Bo Yan**  
Associate Consultant, Infectious Diseases, TTSH

Mentor: A/Prof Niranjana Nagarajan  
*"Long-read clinical metagenomics for broad-range pathogen detection in critically ill patients with suspected respiratory infection"*



**Dr Jeanette Goh**  
Consultant, Genetics Service, KKH

Mentor: Asst. Prof John Chua Jia En  
*"Investigating the Role of ROBO3 in Human Cortical Development Using Cerebral Organoids and Bulk RNA Sequencing"*

## GRANT FUNDING

NEW!

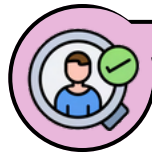
# NUHS CLINICIAN SCIENTIST PROGRAMME (NCSP 3.0)

To nurture promising young clinicians, NCSP 3.0 has been launched to support growing talent with seed funding to embark on their research, build their research portfolio, with aims of eventually competing and clinching a national level competitive research grant or talent award, en route to a successful clinical academic research career.



### Quantum & Duration

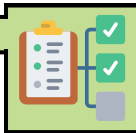
- \$350,000 per awardee for 3 years
  - Grant Funding: Manpower, Equipment, Consumables, Training, & Overseas Travel
  - Salary Backfill: Up to 0.8FTE
  - Award to Mentor: Up to \$40K
- PI has the flexibility of allocating the \$350K among the 3 components with the above cap.



### Eligibility

- All locally registered NUHS clinicians from AH, NTFGH, NUH, NUP, NUS YYLSOM, NUS SSHSPH, NUS FoD, NUS ALCNS.
- Senior Residents entering NUHS employment, Associate Consultants or Consultants.
- Applicants who are locally registered health science or healthcare professionals with non-medical degrees - such as nurses, pharmacists and other allied health professions listed on MOH's website - who are in clinical practice and are either PhD holders or currently pursuing a PhD, are eligible to apply.
- Faculty on NUS tenure-track will not be eligible for NCSP grant. Any exceptions will be considered on a case-by-case basis.

### Deliverables



- Complete formal research training: Successful application or completion of MBA/MPH/MCI/PhD/ MSc(Nursing)/PhD(Nursing).
- Progress in research career over a 5-year period, as demonstrated by at least one of the following: Progress to National CS, secure NMRC Talent Awards (i.e. minimally a TA) or secure NMRC Competitive Grants (i.e. NIG, CS-IRG)
- Ensure successful publication: At least 1 publication in the NUSMed Journal Whitelist (first author) within 1-year post grant end date.

# Congratulations!

May 2025 Grant Call Awardees

## Top 3: Full Awards

**Dr Nagarjun Boleam**, PhD Candidate  
Consultant, Neurosurgery, NUH

*"Augmentation of glymphatic pathways via Lymphovenous bypasses in the cervical region - A proof of concept study in Alzheimer's disease patients with beta-amyloid deposition."*  
**Mentor:** Clin A/Prof Yeo Tseng Tsai



**Dr Chan Wee Lee William**, PhD

Associate Consultant, National University Cancer Institute, Singapore, NUH  
*"Chimeric antigen receptor T cells for peripheral T cell lymphoma."*  
**Mentor:** Prof Chng Wee Joo



**Dr Wong Tsz Yeung Emmett**, PhD Candidate

Consultant, National University Centre for Organ Transplantation, NUH  
*"Investigating the potential of chimeric antigen receptor T cells as a desensitization strategy in patients with kidney failure."*  
**Mentor:** Prof A Vathsala



## Partial Awards

**Dr Ngiam Jinghao Nicholas**, MCI candidate  
Associate Consultant, Infectious Diseases, NUH

*"Unmasking the drivers of severe disease and post-acute complications in Influenza A."*  
**Mentor:** Prof Paul Tambyah



**Dr Nicodemus Edrick Oey**, PhD

Associate Consultant, Rehabilitation Medicine, NUH  
*"Towards a Clinically Feasible Personalized Transcranial Magnetic Stimulation Treatment to Improve Recovery from Chronic Post-Stroke Expressive Aphasia."*  
**Mentor:** Adj A/Prof Chew Effie & A/Prof Vijay Kumar Sharma



**Dr Tan Siang Joo Eugene**, PhD Candidate

Consultant, National University Heart Centre, Singapore, NUH  
*"Comparison of Neurological and Cardiac Outcomes after Catheter Ablation in Atrial Fibrillation: A Prospective Cohort Study."*  
**Mentor:** A/Prof Ling Lieng Hsi & A/Prof Mark Chan



L.I.F.T

NEW!

NEWLY  
LAUNCHED

LEVERAGING IDEAS FOR TOMORROW (L.I.F.T)

GRANT

L.I.F.T is a newly established grant strategy team, soft-launched in September 2025, dedicated to supporting investigators applying for prestigious, large-scale programmatic research grants exceeding S\$10 million.

LIFT aims to provide tailored, strategic, and end-to-end support to Principal Investigators (PIs), helping to strengthen grant concepts, enhance proposal quality, and improve competitiveness for major national and international funding calls. PIs are welcome to approach the LIFT team at any stage of their grant development

L.I.F.T

Leveraging Ideas For Tomorrow

Powering up research excellence through programmatic grants



### LIFT

- A new Grant Strategy Team dedicated to supporting prestigious, programmatic research grant applications (>S\$10M)
- We will tailor our support to help Principal Investigators optimise competitiveness

### How will LIFT support?

Modular and optional support from any of the following:

- Grant Conceptualisation – Brainstorm and refine your ideas with experts
- Advisory Review – Feedback on written proposal
- Draft Review – Strengthen your pre-submission draft
- Interview Preparation – Practise and polish your pitch
- Expert Connections – Link with our reviewers/collaborators
- Professional scientific illustration by Dr Diego Pitta de Araujo

### Advisory panel:

- We can help you to assemble 3-4 subject matter experts and/or past award recipients to discuss your grant with you

### Parallel initiatives:

- Sharing Sessions (Coming Soon!): Learn from the journeys of past grant awardees: What leads to successful grants?

### Secretariat Support

Dr Rupangi Verma

Manager

Medical & Scientific Communications

NUHS Research Support Unit  
Email: [medv3412@nus.edu.sg](mailto:medv3412@nus.edu.sg)

### Get Started Today:

- Submit your expression of interest
- Scan QR Code to apply

SCAN ME!



# RESEARCH ELECTIVE FELLOWSHIP

NEW!

Collaborating Entities:



SIGN UP NOW

Initiated in September 2025, the Cross-Faculty Research Elective Fellowship aims to foster the translation of research into tangible healthcare solutions by facilitating interdisciplinary collaboration between clinicians, researchers, and academic faculties.

## Key Features



**Interdisciplinary Collaboration:** Participants will work on cross-faculty projects, either initiating new research ideas or contributing to existing joint initiatives.

**Customizable Duration:** The elective will last a minimum of one month, with the option to extend (subject to institutional approval).

**Mentorship:** Each participant will be paired with two supervisors who will guide the project's development, ensuring its translational relevance to healthcare.

**Stepping Stone:** Even though no direct funding is available, it strengthens participant's research experience and position them for future grants

# CROSS-FACULTY RESEARCH ELECTIVE FELLOWSHIP

01.



## OBJECTIVE

To foster more translation of research back to healthcare by developing cross-disciplinary clinician researchers.

02.

## TARGET GROUP

- NUH Senior Residents
- Associate Consultants & Consultants

03.



## DURATION

- Minimally 1 month, 0.8FTE minimum in research.
- Recommend to spend at least 1 week in SSHSPH or NUSMed, remaining time in a COM, CDE or FASS

04.



## PRE-SUBMISSION

- Determine your 2 supervisors
  - First Supervisor: From SSHSPH or NUSMed (grant holder of > \$1M e.g. FA and above)
  - Second Supervisor: From COM, CDE or FASS (list attached in this email)
- Obtain approval from HoD and/or PD

05.



## POST ELECTIVE

- Submit a report upon completing the fellowship with the following information:
  - Introduction
  - Hypothesis & Aims
  - Methods
  - Results (up to 1 page figure with panel and 1 table separate annex)
  - Conclusion

06.



## DELIVERABLES

- Generate preliminary data to apply for a RTF (PhD) and/or apply for a competitive grant as Principal Investigator **within 1 year** of completing the fellowship.



# RESEARCH CONCEIRGE



**Support and educate pipeline clinician scientists on administration and research coordination required for conducting their studies.**

★★★★ SERVICES ★★★★★

## CLINICAL RESEARCH COORDINATION

- IRB/IACUC/OSHE Admin - regulatory submission tracking, amendments, extensions & renewal
- Research agreement - administrative support
- Management of equipment & consumables
- Study meeting coordination & report submission
- Subject recruitment & recruitment strategies
- Database management (i.e. REDCap)
- Study monitoring - initial, ad-hoc & close-out monitoring, educating PIs on key-areas for external audits
- Study documentation & protocol management

## GRANT MANAGEMENT

- Procurement of equipment & consumables
- Reimbursement of fees (publication, conferences, courses, etc.)
- Tracking of grant funding expenses
- Grant virement/expansion
- Payment & transfer of funds



## What the clinician scientists are saying about the research concierge?



The guidance has been helpful overall— quick responses and clear direction



Derek has been great help in assisting to navigate the logistics in setting up research



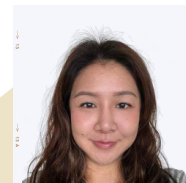
Advise on grant management, financial matters, ethics board related audits



Jasmine has been helpful to our team, thank you



## Supported By:



**Ms. Jasmine Yong**



**Mr. Derek Chan**



# RESEARCH CONCEIRGE

## CLIENTELES



**Dr Aishworiya Ramkumar**

**PAEDIATRICS**

Grant Assisted: TA/CSDU  
 Project Title: Evaluating a Screening Instrument for the Early Identification of Autism Spectrum Disorder among young children in Singapore

NMRC TA/CSDU



**Dr Hong Wei Zhen**

**MEDICINE**

Grant Assisted: NCSP 2.0  
 Project Title: A dual-centre randomized controlled trial comparing an integrated collaborative nurse-led physician-supported multimorbid CKD care model versus physician-led care (INTEGRATE-CKD Cares)

NCSP 2.0

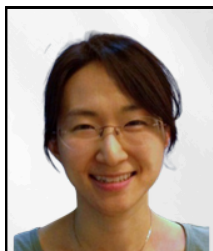


**Dr Nicodemus Oey**

**REHABILITATION MEDICINE**

Grant Assisted: NCSP 3.0  
 Project Title: PREcision MApping and NEuromodulation (PREMANE) – Language

NCSP 3.0



**Dr Choi Yoon Seong**

**DIAGNOSTIC RADIOLOGY**

Grant Assisted: NCSP 2.0  
 Project Title: Glymphatic neuroimaging: Linking Alzheimer's disease, inflammation and aging

NCSP 2.0



**Dr Eunice Tan Xiang Xuan**

**MEDICINE**

Grant Assisted: NCSP 2.0  
 Project Title: Enhancing Equity in Liver Transplantation Using Machine Learning Algorithms

NCSP 2.0



**Dr Aaron Foo Song Chuan**

**NEUROSURGERY**

Grant Assisted: NCSP 2.0  
 Project Title: Testing photosensitizer-mediated light therapy for diffuse intrinsic pontine glioma – a deadly cancer of children.

NCSP 2.0



**Dr Ellie Choi Ci-En**

**MEDICINE**

Grant Assisted: NCSP 2.0 (on an ad-hoc basis)  
 Project Title: Development and Testing of a Digital Psychological Tool to improve Symptom Burden in Dermatology Patients

NCSP 2.0



**Dr William Chan Wee Lee**

**HAEMATOLOGY-ONCOLOGY**

Grant Assisted: NCSP 3.0  
 Project Title: Chimeric antigen receptor T cells for peripheral T cell lymphoma

NCSP 3.0



# RESEARCH SUPPORT UNIT

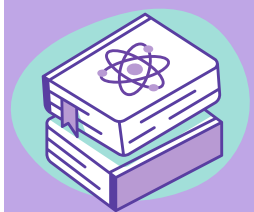
BRINGING THE SCIENTIFIC WRITING AND BIOMEDICAL  
MANUSCRIPT PREPARATION UP TO PUBLICATION  
STANDARD SO THAT WORK CAN BE CONSIDERED  
PURELY *on its own merit*

## Key Units Under RSU

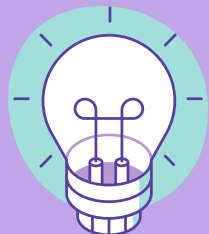
Research Support Unit (RSU) brings together dedicated units for biostatistics, systematic reviews, medical and scientific writing, and scientific illustration.



Biostatistics



Medical & Scientific  
Communication




Scientific Illustration



Systematic Review

## BIOSTATISTICS


- **Statistical Consultation**
  - Study design for clinical research, sample size calculation.
  - Statistical analysis preparation.
- **Research Collaboration**
  - Data analysis, interpretation, and manuscript preparation.
- **Statistical Education**
  - Postgraduate courses: MDG5108 and ABM5002.
  - Workshops and talks.
- **Grant Enhancement**
  - Review and enhancement of statistical methodology

 **Dr. Shen Liang**  
[medsl@nus.edu.sg](mailto:medsl@nus.edu.sg)



## MEDICAL & SCIENTIFIC COMMUNICATION

- **Manuscript Editing Service**
  - Editing and polishing manuscripts for peer-reviewed publications.
  - Selection Criteria: (1) All faculty members of YLLSOM, NUS Dentistry and SSHSPH, NUHS physician-researchers, (2) Submitting to Q1 Journals only, (3) Journal guidelines fulfilled before submission of the final draft.
- **Grant Enhancement Service**
  - Editing Service for Grant Enhancement Masterclass.
  - Grant Proposal Editing Service.

 **Dr. Rupangi Verma**  
[rupangi\\_verma@nuhs.edu.sg](mailto:rupangi_verma@nuhs.edu.sg)



## SCIENTIFIC ILLUSTRATION

- **Illustration & Graphic Design**
  - Schematic figures for academic purposes: scientific papers, books and research proposals. Infographics for presentations. Artwork for conference banners.
- **Editorial Work**
  - Journal and book covers.
  - Illustrations for feature media (news coverage).
- **Data Visualization**
  - 3D data editing (MRI, confocal microscopy, Protein Data Bank).
  - 3D modeling and digital sculpting.

 **Dr. Diego P. Araujo**  
[diego@nus.edu.sg](mailto:diego@nus.edu.sg)



## SYSTEMATIC REVIEW

- **Consultation**
  - Methodology and execution of systematic reviews and evidence summaries.
- **Collaboration**
  - Development of protocols, literature searching, conducting meta-analyses, assessing study biases, summarizing findings, and preparing manuscripts.
- **Education**
  - Workshops, courses, and talks on systematic reviews and meta-analyses.
- **Guidance**
  - Registration for research projects with the Cochrane collaboration.

 **Dr. Miny Samuel**  
[medminy@nus.edu.sg](mailto:medminy@nus.edu.sg)

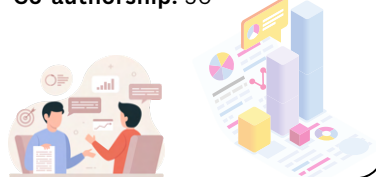


# RESEARCH SUPPORT UNIT

## RSU PRODUCTION 2025: BIOSTATISTICS UNIT

### Statistical Consultation

- **Research projects aided: 220+**
- **Co-authorship: 50**



### Client Institutions



### Statistical Education

- **Workshops: 5**
  - Design of medical research study, basic and intermediate biostatistics (SPSS)
  - Design of medical research study, basic and intermediate biostatistics using STATA
  - Advanced Biostatistics
- **Postgraduate Courses: 4**
  - ABM5002: Advanced biostatistics for research
  - MDG5108: Biostatistics for basic research
  - NUR6101: Rehabilitation nursing
  - CMH5201: Introduction to biostatistics in mental health
- **Short Talks/Lecture: 2**



## Publications

- **Selected publications in Q1 journals supported by biostatistics unit**

Home | JAMA Pediatrics | Vol. 179, No. 8

**Original Investigation**

### Active Treatment vs Expectant Management of Patent Ductus Arteriosus in Preterm Infants A Meta-Analysis

Santosi Buvanesswaran, MMed<sup>1,2</sup>; Yi Ling Wong, MMed<sup>2</sup>; Shen Liang, PhD<sup>3</sup>; et al

Research | [Open access](#) | Published: 04 February 2025

### Single-nucleotide polymorphisms in dizygotic twin ovine fetuses are associated with discordant responses to antenatal steroid therapy

Erin L. Fee, Haruo Usuda, Sean W. D. Carter, Hideyuki Ikeda, Tsukasa Takahashi, Yuki Takahashi, Yusaku Kumagai, Michael W. Clarke, Demelza J. Ireland, John P. Newnham, Masatoshi Saito, Sebastian E. Illanes, Binny Priya Sesurajan, Liang Shen, Mahesh A. Choolani, Gokce Oquz, Adaikalavan Ramasamy, Sara Ritchie, Andrew Ritchie, Alan H. Jobe & Matthew W. Kemp

*BMC Medicine* 23, Article number: 65 (2025) | [Cite this article](#)

[Open Access](#) | [Article](#)

### Identifying Dietary Triggers Among Individuals with Overweight and Obesity: An Ecological Momentary Assessment Study

by Han Shi Jocelyn Chew 1,2,\* , Rakhi Vashishtha 2 , Ruochen Du 3 , Yan Xin Liaw 1 and Ayelet Gneezy 2,4

- 1 Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117597, Singapore
- 2 Behaviour and Implementation Science Interventions, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117597, Singapore
- 3 Biostatistics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117597, Singapore
- 4 Rady School of Management, University of California, San Diego, CA 117599, USA

\* Author to whom correspondence should be addressed.

*Nutrients* 2025, 17(3), 481; <https://doi.org/10.3390/nu17030481>

**JAMA Pediatrics**

### Treatment of the Patent Ductus Arteriosus—Reply

Jiun Lee, MMed<sup>1</sup>; Santosi Buvanesswaran, MMed<sup>2</sup>; Liang Shen, PhD<sup>3</sup>

JAMA Pediatr  
Published Online: September 2, 2025  
doi: 10.1001/jamapediatrics.2025.2955

> [Author Affiliations](#) | [Article Information](#)

RELATED ARTICLES

# RESEARCH SUPPORT UNIT

## BIostatISTICS UNIT

### Publications

- Selected publications in Q1 journals supported by biostatistics unit (Cont'd)

Open Access Article

#### Redefining Roles—Fathers Play a Crucial Role in Shaping Children's Healthy Eating Behaviors: Cross-Sectional Observational Study

by Nicholas Beng Hui Ng <sup>1,2</sup>, Jamie Qiao Xin Ng <sup>3</sup>, Liang Shen <sup>4</sup> and Shefaly Shorey <sup>3,\*</sup>

<sup>1</sup> Department of Paediatrics, Khoo Teck Puat-National University Children's Medical Institute, National University Health Systems, Singapore 119074, Singapore

<sup>2</sup> Department of Paediatrics, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117597, Singapore

<sup>3</sup> Alice Lee Centre for Nursing Studies, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117599, Singapore

<sup>4</sup> Biostatistics Unit, Yong Loo Lin School of Medicine, National University of Singapore, Singapore 117597, Singapore

\* Author to whom correspondence should be addressed.

*Nutrients* 2025, 17(5), 860; <https://doi.org/10.3390/nu17050860>



The Breast

Volume 79, February 2025, 103869



#### Oncological outcomes following extreme oncoplastic breast conserving surgery (eOPBCS) for locally advanced breast cancer (LABC): A systematic review and meta-analysis ☆

Megan Chua Wern Ee <sup>a</sup>, Ashley Lee Shi Hui <sup>a</sup>, Wong Hung Chew <sup>f</sup>,  
Emmeline Elaine Cua-Delos Santos <sup>b</sup>, Sean Li Siwei <sup>c</sup>, Sng Ming Xian <sup>c</sup>, Qin Xiang Ng <sup>d</sup>,  
Serene Goh Si Ning <sup>a,b,d,e</sup>

### Publications

- Selected publications in Q1 journals supported by biostatistics unit (Cont'd)

> *Knee Surg Sports Traumatol Arthrosc.* 2025 Oct;33(10):3707-3714. doi: 10.1002/ksa.12782. Epub 2025 Jul 18.

#### Resident participation does not affect outcomes or complications after arthroscopic Bankart repair surgery

Alex Quok An Teo <sup>1</sup>, Hoi Pong Nicholas Wong <sup>1</sup>, Sherlyn Yen Yu Tham <sup>1</sup>, Fucui Han <sup>1</sup>,  
Zavier Yongxuan Lim <sup>1</sup>, Qai Ven Yap <sup>2</sup>, Veerasingam Prem Kumar <sup>1,3</sup>

Affiliations + expand

PMID: 40679269 DOI: 10.1002/ksa.12782



## RESEARCH SUPPORT UNIT

# RSU PRODUCTION 2025: MEDICAL & SCIENTIFIC COMMUNICATION

### Editorial Support Activities

- **Manuscripts Assisted:** 13
- **Grant Applications Supported:** 15
- **Invited Talk:** “Dos and Don’ts of AI for Researchers” at Artificial Intelligence in Research organised by NUHS CS Academy.
- **Magazine Article:** “Into the Future – The Research Journey at NUS Medicine” (NUS Medicine’s 120th Year Commemorative Issue).



### Client Institutions



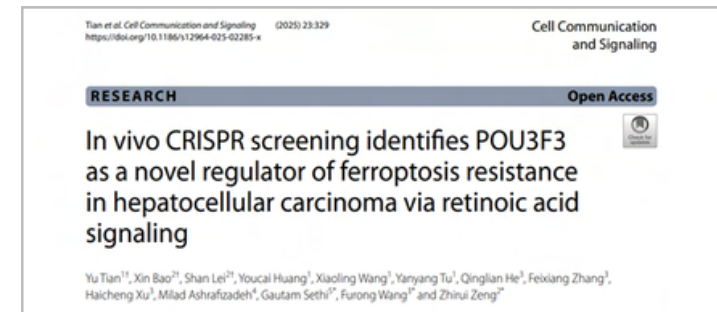
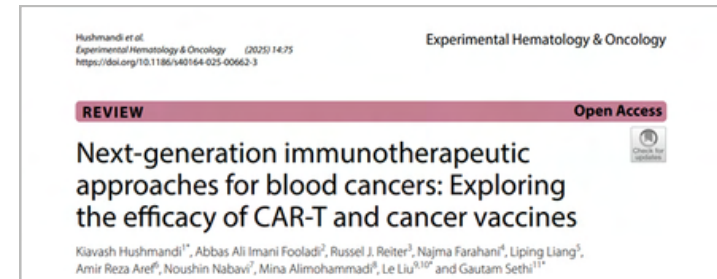
### Publications

- **Published Manuscripts in Q1 Journals**  
*Note: The list provided is non exhaustive.*

#### Acknowledgments

This research was conducted as part of GBD, coordinated by the Institute for Health Metrics and Evaluation; GBD was partly funded by the Gates Foundation. We thank Verma Rupangi from the Medical and Scientific Communication, Research Support Unit at the National University Health System (NUHS), Singapore, for her meticulous review and editing of our manuscript. Proofreading of the manuscript provided by the Research Support Unit at the NUHS, Singapore, was supported by the NUHS Research Office.


Editorial note: The Lancet Group takes a neutral position with respect to territorial claims.



## RESEARCH SUPPORT UNIT MEDICAL & SCIENTIFIC COMMUNICATION

### Publications

- Published Manuscripts in Q1 Journals - Cont'd




International Journal of Biological Macromolecules  
Volume 333, Part 2, December 2025, 148480

Review

### The role of MUC2 in cancer - Biological significance and therapeutic implications: A review

Anamika Mishra <sup>a</sup>, Ravichandran Vishwa <sup>a</sup>, Mohammed S. Alqahtani <sup>b,c</sup>, Mohamed Abbas <sup>d</sup>, Gautam Sethi <sup>e</sup>, Zhaowu Ma <sup>f</sup>, Ajaikumar B. Kunnumakkara <sup>g</sup>




Contents lists available at ScienceDirect  
Biomedicine & Pharmacotherapy  
journal homepage: [www.elsevier.com/locate/bioph](http://www.elsevier.com/locate/bioph)

Review

### Decoding tumor microenvironment: EMT modulation in breast cancer metastasis and therapeutic resistance, and implications of novel immune checkpoint blockers

Jie Yuan <sup>a,1</sup>, Li Yang <sup>b,1</sup>, Hua Zhang <sup>c,1</sup>, Narasimha M. Beeraka <sup>d,e,f</sup>, Danfeng Zhang <sup>g</sup>, Qun Wang <sup>h</sup>, Minghua Wang <sup>g</sup>, Hemanth Vikram PR <sup>i</sup>, Gautam Sethi <sup>j</sup>, Geng Wang <sup>k</sup>



International Journal of Pharmaceutics  
Volume 682, 15 September 2025, 125924

### Immunogenicity of neoantigens: From CAR-T cell to various vaccines

Fatemeh Davodabadi <sup>a,1</sup>, Javad Arabpour <sup>b,1</sup>, Pouya Goleij <sup>c</sup>, Edris Mohammadi <sup>d</sup>, Mohsen Taheri <sup>e,f</sup>, Gautam Sethi <sup>g</sup>, Kamal Dua <sup>h,i</sup>, Mohammad Sarhadi <sup>j</sup>

## NMRC GRANT CALL AWARDEES SUPPORTED BY MEDICAL & SCIENTIFIC COMMUNICATION UNIT

### TRANSITION AWARD



#### DR DEDRICK CHAN

Consultant, Surgery  
STAG2 Mutant-induced KRAS Upregulation in Normal Colon Tissue - Characterising a Novel Mechanism of Colorectal Oncogenesis



#### DR NICHOLAS CHEW

Associate Consultant, Cardiology  
Guarding Against Coronary Artery Disease and its Hidden Risk Factors in the Singaporean Population without Standard Modifiable Risk Factors (SG-GUARD Study): A Prospective, Cross-sectional Study



#### DR SHAWN LEE

Consultant, Paediatrics  
Functional and genomic profiling for precision medicine in childhood T-cell acute lymphoblastic leukemia



#### DR BERNICE OH

Consultant, Paediatrics  
A Novel Multi-Antigen Targeting Cellular Therapy Approach for AML



#### DR CINNIE SOEKOJO

Consultant, Haematology-Oncology  
Clinical and biological relevance of clonally-related B cells and pre-plasma cells in multiple myeloma

### CS-IRG NEW INVESTIGATOR GRANT



#### DR CHONG WAN QIN

Consultant, Haematology-Oncology  
Longitudinal analysis of the tumour microenvironment during induction chemotherapy with or without anti-angiogenic and anti-PD1 therapies in locally advanced nasopharyngeal carcinoma



#### Senior Clinical Psychologist, NUS ALCNS

Dr. Rupangi has provided extremely clear and meticulous guidance that exceeds our expectations. We are extremely grateful for her support and expert guidance in enabling us to submit in a Q1 journal.



#### Consultant, Dept of Neonatology, NUH

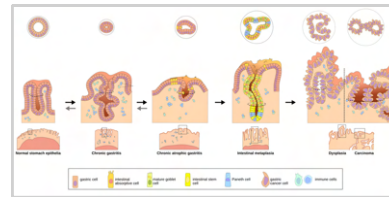
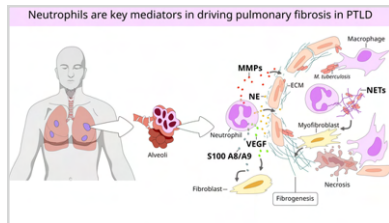
I appreciated the editorial review of my grant application by Rupangi and found your comments and edits helpful. She was also prompt and easy to work with.

# RESEARCH SUPPORT UNIT

## RSU PRODUCTION 2025: SCIENTIFIC ILLUSTRATION

### Editorial & Academic Illustration

- Research projects aided: 16
- Figures for manuscripts: 10
- Figures for books: 7
- Figures for grant proposals: 4
- Logo for Research Program: 1



### Visuals for Research Events:

- Event Poster: 2
- Flyers: 1



### Education

- Workshop: 2
  - April 2025 - Designing Figures for Publications; Principles and Tips
  - October 2025 - Data Visualization & Storytelling: Create a Figure for Publication

**FREE RSU Workshop**  
**Designing Figures for Publications; Principles and Tips**  
 Dr. Diego Pires de Araujo  
 Scientific Illustrator - NUIHS RSU

Learn to translate research data into visual stories for your academic figures using principles of Visual Design and Graphic Design. Get some insights into the good and bad practices of design and how they can affect your figure.

Date: 03/Apr/2025 (WED)  
 Time: 11:00 AM - 12:10 PM  
 Location: Zoom

Register here

**RSU Workshop**

**Data Visualization & Storytelling: Create a figure for publication**  
 A course by Dr. Diego Araujo, NUIHS Scientific Illustrator

In this 3 days course you will learn the basic principles of illustration that can be applied to create a schematic figure for a scientific publication. You will learn the necessary concepts and methods used in visual storytelling and graphic design, and you will use them to put your ideas on paper. You will also apply these methods to develop your own figure for your current research project.

Fee: SGD 327.00 (inclusive of GST)  
 Dates and Venues:  
 27/10 - MD6-03-01S  
 29/10 - MD6-03-08  
 31/10 - MD6-03-01P  
 All lessons from 12:30pm to 4:30pm  
 Deadline: 10 Oct 2025  
 Contact: Rafika at rsu-nuhs@nus.edu.sg

Registration

NUS National University of Singapore



What do our customers say?

### Client Institutions



Thanks for your work on the MindMySkin app. We were planning to list you as an author on the paper! Cause you've done really a lot for that.

Consultant, Div. of Dermatology, NUH

Thank you very much for the excellent artwork! It is now much clearer and captures our ideas well.  
 Senior Research Fellow, NUS YLLSOM

## RESEARCH SUPPORT UNIT

# RSU PRODUCTION 2025: SYSTEMATIC REVIEW

### Consultation & Training

- Research projects aided: 20+



### Client Institutions



### Statistical Education

- Workshops: 2
  - Cochrane Workshop 2025
- Lectures: 2
  - Workshop sessions for Master of Clinical Mental Health and Psychotherapy (MCMHP) Programme
- PhD Candidate Consultation: 1

## Publication and Conference Presentation

### Published Manuscripts in Q1 Journals

Note: The list provided is non exhaustive.

#### • Publication

> Front Psychiatry. 2025 Mar 5;16:1497866. doi: 10.3389/fpsy.2025.1497866. eCollection 2025.

### Bullying and depression among adolescents in East Asia: a scoping review on prevalence rates, risk and protective factors

Jennifer Sie Hee Kling<sup>1, 2</sup>, Elizabeth Sarah Ragen<sup>1</sup>, Mohamed Sufyan Bin Mohmed Sulaiman<sup>2</sup>, Wei Sheng Goh<sup>2</sup>, Norman Jun Hao Tan<sup>2</sup>, Sok Hui Ng<sup>2</sup>, Yang Luo<sup>2</sup>, Miny Samuel<sup>2</sup>, Doris Young<sup>3, 4</sup>, Victor Weng Keong Loh<sup>3, 4</sup>

Affiliations + expand

PMID: 40130188 PMID: PMC11932047 DOI: 10.3389/fpsy.2025.1497866

Comparative Study > Int J Mol Sci. 2025 Jan 17;26(2):778. doi: 10.3390/ijms26020778.

### Comparison of Respiratory Microbiomes in Influenza Versus Other Respiratory Infections: Systematic Review and Analysis

Yunrui Hao<sup>1</sup>, Ying-Jou Lee<sup>1</sup>, Kihan Yap<sup>1</sup>, Miny Samuel<sup>1</sup>, Vincent T Chow<sup>2</sup>

Affiliations + expand

PMID: 39859492 PMID: PMC11765715 DOI: 10.3390/ijms26020778

- Systematic Review and Meta-analysis: CAR-T vs Bispecific Antibody as Third or Later-line Therapy for Follicular Lymphoma (*In Press - Blood Cancer Journal*)

#### • Conference Presentation

Paras Bajaj, Lakshmi Nagendra, Miny Samuel, Manju Chandran. Destressing Minds, Strengthening muscles, Yoga and its effect on muscle strength in Healthy individuals: A Systematic Review and Meta-analysis of Randomized controlled Trials. World congress on osteoporosis, osteoarthritis and musculoskeletal diseases, April 10-13th 2025, Rome

Lawrence Cheng Kiat Ng, Xiu Hue Lee, Yan Chin Tan, Miny Samuel, Michelle Li Mei Poon. Systematic Review and Meta-analysis: CAR-T vs Bispecific antibody in Relapsed Refractory Follicular Lymphoma, Singapore Lymphoma Scientific Symposium 28th & 29th August 2025



Conducts regular talks and workshops to train and equip our young clinician scientist with the knowledge and skills on a wide range of topics to enhance their research capabilities. Nurturing clinician scientists to progress in their research career in the future world research.

# ENABLE

- **Skills Equip**
  - Lemons to Lemonade Series
  - Workshops/Training Series
- **Resources**
  - CS Spotlight
  - CS Guidebook
  - Onboarding Handbook for PI

# SKILLS EQUIP

NEW!

## LEMONS TO LEMONADE SERIES

In this series, established clinician scientists shared the “lemons” they’ve encountered - their personal and professional challenges, setbacks, and moments of difficulty. They discussed specific challenges they faced, how they approached problem-solving, and the lessons they learned along the way. Through these stories, we aimed to inspire the audience, demonstrating that challenges are part of growth and that there are always ways to “make lemonade.”



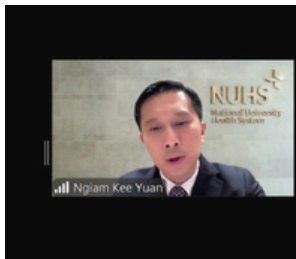
**HARDtalks by Prof Michael Chee**

*"First order of the day - survive"*



**Grant Failures and Strategies for Success**

*"Even when there are rejections, keep trying and trying again"*



**HARDtalks by Adj. Prof Ngiam Kee Yuan**

*"Research is not just about publishing, it is about making an impact and implementing your invention into the real world"*



**HARDtalks by A/Prof Shefaly Shorey**

*"Let your research be rooted in purpose, guided by resilience, and led with compassion. That is how we transform lives through science"*



**HARDtalks by A/Prof Mark Chan**

*"Start local, then expand with resources, allies, and trusted connections"*



**How to Build a Research Presence**

*"Every contribution matters. While we often celebrate the stars, they shine only because of the supportive environment around them. Just as towering forest trees draw their strength from the hidden fungal networks beneath the soil"*



**Having Difficult Conversation**

*"Difficult conversations - Lead with empathy, speak with clarity"*





Restricted, Sensitive (Normal)

**NUHS**  
National University  
Health System

## Accidental Intelligence: How Innovation Can Lead to Change

Prof Kee Yuan Ngiam

MBBS (Lond), MRCS (Glasg), Mmed (Surg), FRCS (Edin)  
Senior Consultant and Head, AI Office

Head, Division of Biomedical Informatics, NUS  
Division of Thyroid and Endocrine Surgery  
Department of Surgery  
National University Hospital Singapore

Wee Yu Ting  
Kuan Hung Leng  
Ngiam Kee Yuan  
Tan Hwee

21 May '25



# LEMONS TO LEMONADE SERIES



# SKILLS EQUIP

# WORKSHOPS

**UNDERSTANDING & ASSESSING HEALTHCARE SYSTEMS**

In this session, Prof Bauchner will focus on how the public, governmental officials, and health care experts analyze and compare health care systems and whether they are efficient, cost-effective, fair, and successful.

**Target Audience:** Medical students, residents, fellows & junior faculty

**Prof Howard C. Bauchner**  
 Professor of Pediatrics and Public Health, Boston University, Chairman and Avedisian School of Medicine  
 Editor, Chief of Archives of Disease in Childhood (2009-2011)  
 Editor in Chief, JAMA and the JAMA Network, (2011-2023)

**Register Now**

Date: 22 January 2025  
 Time: 11AM - 12PM  
 Location: NUHS T8 T07-04

## TALKS BY PROF HOWARD BAUCHNER



### Meet the Speaker

Introducing Prof Howard Bauchner:

He is the Past Editor in Chief of JAMA and the JAMA Network. He is also a Visiting Scholar at the National University of Singapore between 2022 to 2024.

“ Academic Medicine is an honored profession - enjoy, thrive, and prosper. ”

**PAID WORKSHOP**

**STRUCTURE OF A SCIENTIFIC (CLINICAL) MANUSCRIPT**

In this session, Prof Bauchner will cover the basic components of a research report - Introduction, methods, results, and discussion, with examples of each.

**Prof Howard C. Bauchner**  
 Professor of Pediatrics and Public Health, Boston University, Chairman and Avedisian School of Medicine  
 Editor, Chief of Archives of Disease in Childhood (2009-2011)  
 Editor in Chief, JAMA and the JAMA Network, (2011-2023)

**Register Now**

Date: 26 February 2025  
 Time: 12 - 1PM  
 Location: NUHS Tower Block (select location to be notified via email)  
 Fee: \$50 (nettable GST)  
 Payment deadline: 27 February 2025



**Understanding and assessing healthcare systems**  
 22 January 2025 - Prof Bauchner shared on how the public, governmental officials, and health care experts analyze and compare health care systems and whether they are efficient, cost-effective, fair, and successful.



**Structure of a scientific (clinical) manuscript**  
 26 February 2025 - Prof Bauchner shared on the basic components of a research report - introduction, methods, results, and discussion, with examples of each.

## SKILLS EQUIP

# WORKSHOPS

## NEJM AI: OUR MISSION AND WHAT WE LOOK FOR



**NEJM AI: Our Mission and What We Look For**

Talk & Fire-side chat session

**Talk Summary**  
In this talk, Dr Zhao will use examples of papers published in NEJM AI to illustrate the types of research and viewpoints the journal aims to publish. He will also briefly highlight a few recent examples from NEJM.

**Programme Outline**

- 12:00 to 12:30PM: Registration and lunch
- 12:30 to 01:30PM: Talk & fire-side chat
- 01:30 to 02:15PM: Lunch and networking

**SPEAKER**

**Dr Zhao Jianfei, Jeffrey**  
Deputy Editor, NEJM AI  
Dr Zhao oversees editorial operations, academic conferences, and clinical research training at NEJM医学前沿 (NEJM Frontiers in Medicine). He collaborates with NEJM Group on key projects, including the annual AI in Medicine Symposium (AIMS) in Shanghai. Previously, he was a scientific editor at Nature Communications, working closely with researchers and clinicians across China. He holds a BSc from Peking University, a PhD in molecular biology from the University of Oregon, and completed postdoctoral training at the U.S. National Cancer Institute.

**MEET THE HOST**

**A/Prof Helen Zhou Juan**  
Associate Professor, Centre for Sleep and Cognition, NUS YLSOM  
Director, Centre for Translational MR Research, NUS YLSOM

21 Mar '25  
NUS MD11  
CRC Auditorium

Lunch provided

Register Now

Contact us: cs\_academy@nus.edu.sg



“

*My key takeaways are threefold:*

- *Rigorous, clinical-grade evaluation of AI is essential.*
- *The field requires high-quality benchmark datasets and meaningful, thorough evaluation.*
- *External validation is crucial - while diversity is beneficial, trust and credibility matter most.*

*Collaboration between clinicians and AI scientists is vital, and the process will likely be iterative.*

*- A/Prof Helen Zhou*



## Meet the Speaker

Introducing Dr Zhao Jianfei, Jeffrey:

Dr Zhao oversees editorial operations, academic conferences, and clinical research training at NEJM医学前沿 (NEJM Frontiers in Medicine). He collaborates with NEJM Group on key projects, including the annual AI in Medicine Symposium (AIMS) in Shanghai.



### NEJM AI: Our Mission and What We Look For

21 March 2025 - Dr Zhao used examples of papers published in NEJM AI to illustrate the types of research and viewpoints the journal aims to publish. He also briefly highlighted a few recent examples from NEJM.

# SKILLS EQUIP

## WORKSHOPS

**Demystifying the Clinical Trial Journey: Myths, Management, and Monitoring**

**Objective:** Provide overview of the key stages in clinical trial conduct, clarify common myths, and enhance understanding of how successful trials are executed.

**Topics Covered:**

- Clinical Trial Project Cycle
- Budget Planning/Estimation
- Clinical Trial Management
- Data Design & Database Selection
- Types of Site Visit
- Leading multi-centre clinical trials as a clinician PI

**Speakers:** Dr. Yee Sze Hong, Dr. Yee Sze Hong, Dr. Yee Sze Hong, Dr. Yee Sze Hong, Dr. Yee Sze Hong

**Host:** Dr. Yee Sze Hong

**Details:** 4 APRIL 2025, 12:00 - 1:45 PM, NUHS TB T12-02

[REGISTER NOW](#)

## DEMYSTIFYING THE CLINICAL TRIAL JOURNEY: MYTHS, MANAGEMENT, AND MONITORING



### Demystifying the Clinical Trial Journey: Myths, Management, and Monitoring

4 April 2025 - This talk featuring invited speakers from SCRI, provided an overview of key stages in clinical trial conduct, addressing common myths and highlighting best practices. Topics include trial planning, budget estimation, data management, site visits, and leading multi-centre trials as a clinician PI.

**Microbiome Research: WHERE IS IT GOING TODAY AND INTO THE FUTURE**

**BluMaiden (Dr Damien Keogh)**  
Chief Executive Officer, Director, and Founding Member of BluMaiden Biosciences

**AI-Assisted Exploration of Novel Non-Invasive Biomarkers of ICI Therapy Response**

Accurately predicting patient response to immune checkpoint inhibitors (ICIs), such as anti-PD-1 agents, remains a significant challenge in oncology. BluMaiden Biosciences has developed proprietary AI frameworks to uncover clinically relevant features derived from the gut-immune axis, addressing high inter-individual variability. Validated on diverse datasets and patient populations, this approach aims to deliver robust, non-invasive tools for therapy response prediction.

**AMILI (A/Prof Jeremy Lim)**  
Chief Executive Officer and Co-Founder of AMILI

**AMILI (Dr Jonathan Lee)**  
Senior Consultant, Gastroenterology and Hepatology, NUH

**Who wants to be an entrepreneur?**

Clinician Scientists often make discoveries that hold potential to be translated into commercial products and services—how should inventors think about the entrepreneurial journey and whether it is for them?

In this sharing, A/Prof Jeremy Lim will discuss the AMILI journey and how AMILI interacts and partners with Clinician Scientists. Dr Jonathan Lee will also share about his experience as a scientific co-founder of AMILI.

**MEET THE HOST**

**Prof Roger Foo**  
Vice Dean (Research), Yong Loo Lin School of Medicine, NUS

**DETAILS:** 9 APRIL 2025, 12:00 - 1:00PM, Zoom

[REGISTER NOW](#)

Contact us: cs\_academy@nus.edu.sg

## MICROBIOME RESEARCH: WHERE IS IT GOING TODAY AND INTO THE FUTURE

**AMILI**

**The role of the Clinician Scientist in a Biotech Startup**

A/P Jeremy Lim  
CEO AMILI  
MBBS, MPH, MRCS (Edin), MMed (Surg), FAMS  
9 April 2025

Advancing Human Health Through Microbiome Science

### BluMaiden Biosciences Leadership Team

Executives, Board Members, & Advisors



Experienced Team with Global Footprint

**BluMaiden** | **NUHS Academic Clinician Science Academy**  
Singapore | April 2025

**AI-Assisted Exploration of Novel Non-Invasive Biomarkers of Immune Checkpoint Inhibitor Therapy Response**

**BluMaiden Biosciences**  
Founder | Director  
Damien Keogh Ph.D.

### Microbiome Research: where is it going today and into the future

9 April 2025 - An insightful session featuring BluMaiden, who shared how their platform supports drug discovery and AMILI, a microbiome company. Dr Lee also walked us through his entrepreneurial journey in founding AMILI.

# SKILLS EQUIP

## WORKSHOPS

### ARTIFICIAL INTELLIGENCE IN RESEARCH

**ARTIFICIAL INTELLIGENCE In Research**

21 Aug 2025 (Thu) 12:30pm - 2:00pm Lunch will be provided MD11-01-03/04 CRC Symposium Room

**Speakers:**  
**Prof Jerry Menikoff** Professor of Bioethics, CBiE  
**Mr Irving Neil Kwok** Head Enterprise Services, NUS IT

**Host:**  
**A Prof Catherine Ong** Head, NUHS CS Academy

**Topics:**

- When & How Can Faculty Use AI in Their Non-Teaching Activities**
  - Explore the ethical and regulatory considerations surrounding the use of AI in writing and reviewing tasks, such as grant proposals and manuscripts.
  - Provide specific guidance for professional writing activities.
  - Address the gaps in current policies regarding AI's application in academic and research-related writing duties.
- AI-Know & Gen AI in NUS**
  - Discover how generative AI and our university's cutting-edge platform, AI-Know, is transforming NUS and the way we work.
  - Learn about our platform's journey, its powerful tools, real-life use cases already making an impact and training offerings to get you started.
  - Explore how we can unlock new possibilities with gen AI in your department.
- Do's and Don'ts of AI for Researchers**
  - The do's and don'ts provided will act as a guide, directing you towards ethical AI usage and informed decision-making in your academic pursuits.

Open for all to attend!  
**FREE FOR NUHS STAFF**

Register now!  
 Let's learn more about the topics by attending our workshop!

Registration closes on **5 Aug 2025**. For enquiries, please contact: Ms. April Sim at [aprilsp@nus.edu.sg](mailto:aprilsp@nus.edu.sg)



# MEET THE SPEAKERS



Prof Jerry Menikoff

Prof Menikoff is the Professor of Bioethics at the Centre for Biomedical Ethics and Senior Fellow at the Faculty of Law, NUS. Trained as both attorney and physician, he has long worked at the intersection of law and bioethics, focusing on research ethics and regulation. Formerly director of the U.S. Office for Human Research Protections, he led key reforms to strengthen informed consent, reduce duplicative reviews, and increase transparency in research.



Mr Irving Neil Kwong

Mr Irving is the Head of Enterprise Services at NUS IT, leading the development of an in-house generative AI platform for staff, students, and faculty. I drive innovation, define the product roadmap, oversee engineering, and promote adoption of AI tools, APIs, and a no-code assistant builder across the university.



Dr Rupangi Verma

Dr Rupangi Verma leads Medical and Scientific Communications at the NUHS Research Support Unit. She works closely with researchers and clinicians to strengthen scientific publications and competitive grant applications through clear, rigorous medical and scientific writing. Her work includes reviewing and synthesising practical guidance from journals and funding bodies on the responsible use of artificial intelligence in research writing, with a focus on ethical, transparent, and informed adoption of AI tools.



### Artificial Intelligence in Research

21 August 2025 - The session explored ethical AI use in research and writing, showcased NUS's AI-Know platform, and provided practical guidelines for responsible AI use in research.

## SKILLS EQUIP

# WORKSHOPS

## THE DIGITAL INNOVATION OF CLINICAL TRIALS



**NUHS Clinician Scientist Academy**

### THE DIGITAL INNOVATION OF CLINICAL TRIALS

Clinical trials remain slow, inefficient, expensive and non-representative. Digital technology and AI is revolutionizing every part of life, why not clinical research? This talk will demonstrate how digital innovation is posed to change clinical trial recruitment, operations and implementation.

**TALK DETAILS**

Date: 12 September 2025  
Time: 04:30pm - 05:30pm  
Location: NUHS TB 110-02

**SPEAKER**

**Prof Eric Peterson**  
Vice Provost & Senior Associate Dean for Clinical Research  
Professor of Medicine, University of Texas Southwestern Medical Center  
Adelyn & Edmund M. Hoffman Distinguished Chair in Medical Science

**REGISTER NOW**

**INTERESTED IN 1-TO-1 GUIDANCE?**  
For those who are keen to receive personalised 1-to-1 guidance from Prof Eric Peterson, please reach out to us at [cs\\_academy@nus.edu.sg](mailto:cs_academy@nus.edu.sg)

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## MEET THE SPEAKER

### Prof Eric D. Peterson

Prof Peterson is Vice Provost and Senior Associate Dean for Clinical Research and the Adelyn and Edmund M. Hoffman Distinguished Professor in Medical Science. A leading figure in cardiovascular research, he previously served as Executive Director of the Duke Clinical Research Institute and has authored over 1,500 peer-reviewed publications. He has led major clinical trials and digital innovation efforts across NIH, FDA, and AHRQ, and currently co-chairs UTSW's AI strategic work group.



### The Digital Innovation of Clinical Trials

12 September 2025 - The talk explored how digital innovation and AI can address the inefficiencies of clinical trials—transforming recruitment, operations, and implementation.

## SKILLS EQUIP

# WORKSHOPS

## BUILDING A WORLD-CLASS CRDMO TO ENABLE GLOBAL BIOLOGICS EVOLUTION

 **Building a world-class Contract Research, Development and Manufacturing Organization (CRDMO) to enable global biologics evolution**



**DR. CHRIS CHEN**  
Chief Executive Officer of WuXi Biologics  
Chairman of WuXi Vaccines and WuXi XDC

**29 SEPT 2025, MONDAY** | **12 - 1 PM** | **NUHS TOWER BLOCK T07-03**

**Host**  
  
**Dr Yang Zhang**  
Professor  
Dept of Computer Science, the School of Computing  
Dept of Biochemistry, Yong Loo Lin School of Medicine  
Cancer Science Institute of Singapore

**Speaker's bio**

- Pioneered WuXi Biologics' world-class open-access platform, enabling over 600 global partners, from start-ups to top 20 pharma companies
- Leads 12,000+ employees worldwide, with proven success across 37+ global regulatory inspections
- Championed sustainable biomufacturing, earning top ESG recognitions including EcoVadis Platinum
- Previous leadership roles at Celgene, Eli Lilly, and Merck; extensive expertise in mAbs, therapeutic proteins, and vaccines
- Innovator & scholar with 70+ publications and patents; Ph.D. in Chemical Engineering, University of Delaware

**For Registration**  
Or click on this link:  
<https://forms.office.com/r/w3QvqnR897>  
origin=iprLink

Photographs and video recordings of this event are being prepared for publication. Please be advised that by attending this event, you are giving your consent to be photographed and/or filmed. These images and recordings may be used for publicity purposes.



## MEET THE SPEAKER

### Dr Chris Chen

Dr Chris Chen is the CEO of WuXi Biologics and Chairman of WuXi Vaccines and WuXi XDC. He has over 20 years of experience in monoclonal antibodies, therapeutic proteins, and vaccines, and previously worked at Shanghai Celgen, Eli Lilly, and Merck. He holds a Ph.D. from the University of Delaware and a Bachelor's degree from Tsinghua University.



### Building a world-class CRDMO to enable global biologics evolution

29 September 2025 - The talk shared the journey of building a world-class Contract Research, Development and Manufacturing Organization (CRMO) and its role in advancing global biologics development.

# SKILLS EQUIP

## WORKSHOPS

### ENHANCING THE VISIBILITY OF OUR RESEARCH IN THE MEDIA AND SOCIAL MEDIA SPACE



**ENHANCING THE VISIBILITY OF OUR RESEARCH IN THE MEDIA AND SOCIAL MEDIA SPACE**

29 Oct 2025 (Wed) 12.30pm to 1.30pm NUHS Tower Block T08-03 Seminar Room **Lunch will be provided**

**Speaker:**

- Ms. Sally Toh, Head, Communications, NUS Medicine
- Ms. Emma Goh, Assistant Director, Communications, NUS Medicine

**Open for all to attend!**

**Registration Cost:**

**FREE FOR NUHS STAFF**

**You Will Learn:**

- Working with the NUS Medicine Communications team to put the news out there.
  - Pitching to the news media – What to prepare
  - Identifying news angles
  - Navigating the clearance process
  - Leveraging social media and online channels
  - NUS Medicine's internal platforms

Let's learn more about the topics by attending our workshop!

Register now!

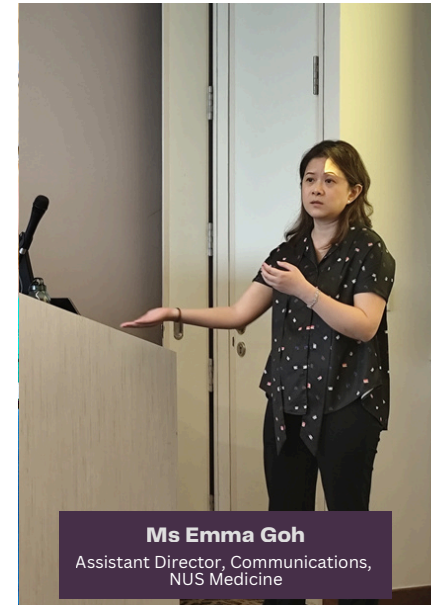


<https://forms.office.com/r/1UccB8gPZ>

Registration closes on 22 Oct 2025. For enquiries, please contact Ms. April Sim at [aprilpsy@nus.edu.sg](mailto:aprilpsy@nus.edu.sg). Please be advised that by attending this event, you are giving your consent to be photographed and/or filmed. These images and recordings may be used for publicity purposes.



**Ms Sally Toh**  
Head, Communications, NUS Medicine



**Ms Emma Goh**  
Assistant Director, Communications, NUS Medicine



### Enhancing the visibility of our research in the media and social media space

29 October 2025 - A knowledge-sharing session with NUS Medicine Communication Team to gain practical insights on crafting compelling news angles, navigating clearance processes, and leveraging media and digital platforms to amplify our stories.



# SKILLS EQUIP

## WORKSHOPS

### TRAINING ACADEMIC SURGEONS: THE NEUROSURGERY EXPERIENCE

**1** Host: A/Prof Catherine Ong, Head, NUHS OS Academy

**2** 11 Nov 2025 (Tue) 12pm - 1.30pm

**3** Online Session: Zoom Link will be provided after registration

**4** You will learn:
 

- Approach to training academic surgeons - driving motivations & steps taken to put these strategies into practice.
- Sharing of experiences & insights gained from embarking on a PhD after exiting or intercalating.

**5** Open for all to attend! Free for NUHS STAFF. Register Now! <https://forms.office.com/r/fhigYKwd20>

**6** For enquiries, please contact Ms April Sim at april@nuhs.edu.sg. Heads Up! We'll be taking screenshots and recordings during the event to capture all the great moments. By being here, you're allowing us to use those images and recordings for publicity.

**7** Registration closes on 3 Nov 2025

Speakers:
 

- Clin A/Prof Yeo Tseng Tsai, Neurosurgery, NUH
- Dr Swati Jain, Neurosurgery, NUH
- Dr Aaron Foo, Neurosurgery, NUH



#### Programme

12:00pm - 12:20pm

Approach to training academic surgeons – Driving motivations & steps taken to put these strategies into practice

- Clin A/Prof Yeo Tseng Tsai (Neurosurgery, NUH)

12:30pm - 12:50pm

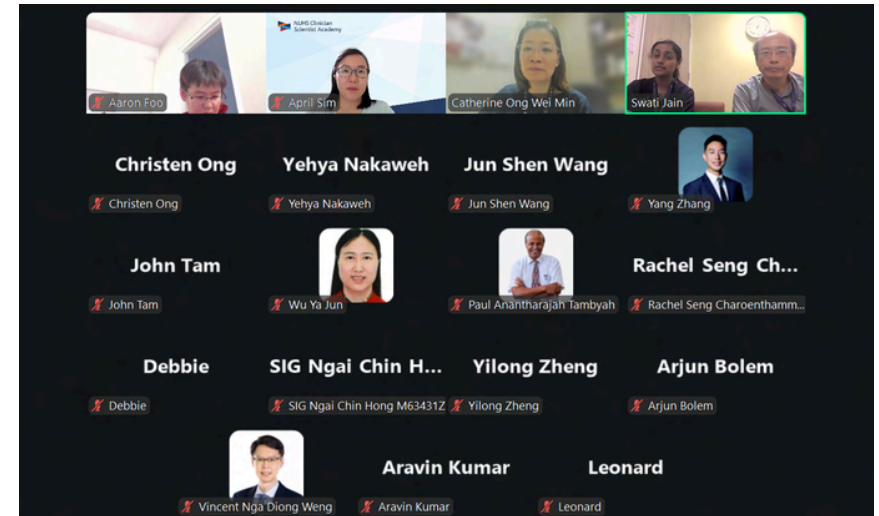
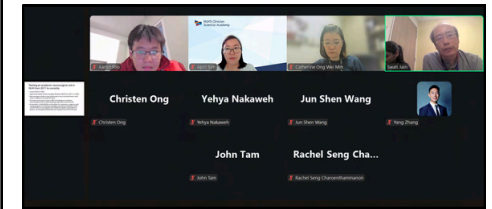
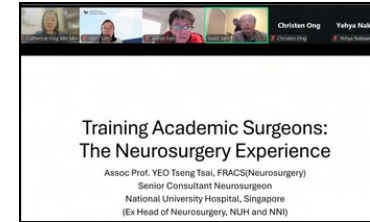
PhD Journey as a Clinician: The bad, the good and the best

- Dr Swati Jain (Neurosurgery, NUH)

01:00pm - 01:20pm

My PhD journey during Senior Residency

- Dr Aaron Foo (Neurosurgery, NUH)



#### Training Academic Surgeons: The Neurosurgery Experience

11 November 2025 - A/Prof Yeo inspired with his vision for nurturing the next generation of academic surgeons, sharing the motivations and strategies that drive this mission. Dr Foo and Dr Swati captivated with their reflections on pursuing a PhD, offering heartfelt insights from their journeys of growth and discovery.

## SKILLS EQUIP

# WORKSHOPS



26 November 2025  
12:30pm - 01:30pm  
NUHS Tower Block T11-02

### TALK SYNOPSIS

This talk covers how the submission process at Nature Metabolism works, things to keep in mind when submitting the journal's scope, as well as tips and tricks to give your submission the best chance.



REGISTER NOW

Please be advised that by attending this event, you are giving your consent to be photographed and/or filmed. These images and recordings may be used for publicity purposes.



### MEET THE HOST

**Dr Revati Dewal**  
Associate Editor, Nature Metabolism  
Accomplished editor and skilled scientist with over 10 years of combined editorial and research experience. Dr Revati has overseen the publication of more than 15 high-quality research articles, reviews, and perspectives across diverse areas of metabolic research. In her role, she is actively involved in engaging with the scientific community—representing the journal at conferences and research institutes worldwide.

**A/Prof Catherine Ong**  
Head, NUHS CS Academy

## THE EDITORIAL PROCESS AT NATURE METABOLISM



## MEET THE SPEAKER



### Dr Revati Dewal

Accomplished editor and skilled scientist with over 10 years of combined editorial and research experience, Dr Revati has overseen the publication of more than 15 high-quality research articles, reviews, and perspectives across diverse areas of metabolic research. In her role, she is actively involved in engaging with the scientific community—representing the journal at conferences and research institutes worldwide.

NUHS Clinician Scientist Academy | NUSMedSci ALLIANCE

## 1-to-1 Manuscript Clinic: Preparing Your Research for Nature Metabolism



**Target Audience**  
Principal investigators and early career researchers.  
The clinic is open to those whose work aligns with the scope of Nature Metabolism. Please review the journal's aims and scope before signing up: <https://www.nature.com/natmetab/aims>

**Format**  
1-to-1 meeting (investigators may bring their lab members along)

**When**  
• 26 November '25, 9:00am - 10:00am  
• 26 November '25, 10:00am - 11:00am  
• 26 November '25, 11:00am - 12:00pm  
• 26 November '25, 2:30pm - 3:30pm  
• 26 November '25, 3:30pm - 4:30pm

Venue and further details will be provided upon confirmation of your slot. Sessions are by appointment only, with limited availability.

### About the Speaker

**Dr Revati Dewal**  
Associate Editor, Nature Metabolism  
Accomplished editor and skilled scientist with over 10 years of combined editorial and research experience. Dr Revati has overseen the publication of more than 15 high-quality research articles, reviews, and perspectives across diverse areas of metabolic research. In her role, she is actively involved in engaging with the scientific community—representing the journal at conferences and research institutes worldwide.



REGISTER NOW

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# 1-TO-1 MANUSCRIPT CLINIC: PREPARING YOUR RESEARCH FOR NATURE METABOLISM



### The Editorial Process at Nature Metabolism

26 November 2025 - This session provided an inside look at Nature Metabolism's editorial and submission process, highlighting how manuscripts are assessed, common pitfalls, and key criteria for journal fit. It also offered practical advice on preparing stronger submissions and navigating reviewers' feedback.

## SKILLS EQUIP

# TRAINING SERIES

## LEADERSHIP TRAINING BY ARIEL GROUP

**A 3 day leadership training course to equip our clinician scientists (NUSMed tenure staff and pre-NUS tenure staff) and admin leaders, the leadership skills necessary to lead the School of Medicine and also storytelling abilities in a business context.**



**Meet the Speaker**

Introducing  
Ms Julia Hector Douglas

She is a skilled facilitator who has designed and delivered team effectiveness and leadership development programs across multiple industries and time zones for over three decades. A specific area of expertise lies in her ability to create and integrate experiential learning opportunities that help individuals develop the skills and gain the momentum needed to make significant strides in their effectiveness and impact.

4 & 5 June 2024

### Leading with Presence-Storytelling

A high-impact, experiential session that empowers leaders to connect authentically, inspire trust, and communicate strategically through storytelling.

#### Key Takeaways:

- Build an authentic leadership presence.
- Inspire and motivate with emotional and strategic storytelling.
- Strengthen delivery using vocal variety and body language.
- Rehearse and receive coaching on integrating stories into business communications.

6 June 2024

### Elements of Leadership Presence

The interactive session introduces a practical model of executive presence and helps participants embody the behaviors that build trust, credibility, and influence.

#### Key Takeaways:

- Understand the four pillars of executive presence: being present, reaching out, being expressive and being self-knowing.
- Practice physical and vocal techniques to project confidence and clarity.
- Gain insights through feedback, reflection, and peer coaching.
- Apply skills directly to real business contexts.



# SKILLS EQUIP

## TRAINING SERIES

### WHERE MEDICINE MEETS MACHINE: BUILDING BRIDGES ACROSS DISCIPLINES



**OUR SPEAKERS**

**A/PROF HELEN ZHOU JUAN**  
Associate Professor, Centre for Sleep and Cognition, NUS YLLSOM

**ASST. PROF THAM YIH CHUNG**  
Assistant Professor, Department of Ophthalmology, NUS YLLSOM

**MEET THE HOST**

**PROF CHEN CHENG-YU**  
Director, Centre for Innovation and Precision Eye Health, NUS

**ADJ ASST. PROF DAVID CHEN**  
Adjunct Assistant Professor, Department of Ophthalmology, NUS YLLSOM

**ASST. PROF LIU DIANBO**  
Assistant Professor, Department of Biomedical Informatics, NUS YLLSOM

**MEET THE HOST**

**ASST. PROF THAM YIH CHUNG**  
Assistant Professor, Department of Ophthalmology, NUS YLLSOM

**SESSION 1**  
**5 August 2025, 11am - 12pm**  
**NUS MD 11 CRC Symposium Room**  
**Building Productive Collaborations - Driving Discovery as One Team**  
 A/Prof Helen will share:

- How to foster meaningful collaborations between clinical and basic scientists
- Co-developing knowledge and drive impactful discovery as one team.

**Vision and Language Foundational Models in Ophthalmology**  
 Asst. Prof Tham will share:

- Perspectives on the recent evolution and rapid development in Medical AI foundation model
- Opportunities for cross-disciplinary collaboration



REGISTER NOW >

**SESSION 2**  
**3 September 2025, 1130am - 1230pm**  
**NUS TS 12-02**  
**Crossing the Chiasm: Co-creating Medical Solutions with Non-Medical Professionals**  
 Adj. Asst. Prof Chen will share:

- Experience collaborating with computer scientists to perform video and still image segmentation for cataract diagnosis and analysis of cataract surgeries.
- Challenges faced when working with non-clinicians
- Best practices for clinicians to collaborate effectively with computer scientists in a rapidly evolving field

**AI assisted personalized treatment in ICU**  
 Asst. Prof Liu will share:

- Experience developing an AI-powered model to improve treatment decisions in intensive care units.



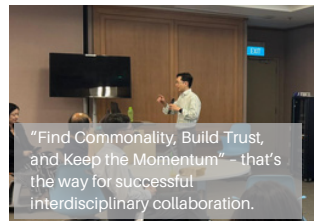
REGISTER NOW >

#### About the series

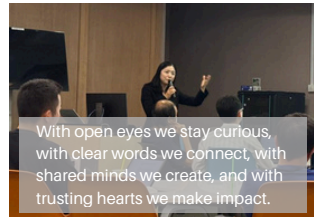
This series of workshops aimed at fostering research collaboration between clinicians and computer/data scientists. Each one-hour session will feature two speakers, presenting on the theme "Where Medicine Meets Machine: Building Bridges Across Disciplines."

For enquiries, please contact us at [cs\\_academy@nus.edu.sg](mailto:cs_academy@nus.edu.sg)

Please be advised that by sending this email, you are giving your consent to be processed and/or stored. These images and recordings may be used for publicity purposes.



"Find Commonality, Build Trust, and Keep the Momentum" – that's the way for successful interdisciplinary collaboration.



With open eyes we stay curious, with clear words we connect, with shared minds we create, and with trusting hearts we make impact.



SESSION 1  
**5 AUGUST 2025**

In this session, A/Prof Helen shared her perspective as a basic scientist on fostering meaningful collaborations between clinical and basic scientists to co-develop knowledge and drive impactful discoveries. Asst. Prof Tham discussed the rapid evolution of medical AI foundation models in ophthalmology and highlighted opportunities for cross-disciplinary collaboration.

SESSION 2  
**3 SEPTEMBER 2025**

In this session, Asst. Prof Chen discussed his collaborations with computer scientists on cataract diagnosis and surgery analysis, sharing challenges and best practices for cross-disciplinary work. Asst. Prof Liu presented his development of an AI model to support treatment decisions in intensive care units.



# SKILLS EQUIP

## TRAINING SERIES

### TIPS OF THE TRADE - INITIATING AND EXECUTING OVERSEAS STUDIES SESSION

**TIPS OF THE TRADE: INITIATING AND EXECUTING OVERSEAS STUDIES (PART 1)**

This workshop focuses on the sharing of tips on 'Global Collaboration in Clinical Research' to facilitate effective international cooperation and enhance the quality and efficiency of clinical trials.

**Registration:**  
**SCAN HERE!**  
 Date: **30 Sep 2025 (Tue)**  
 Time: **12.30pm – 1.30pm**  
 Venue: **NUHS Tower Block T06-03**  
 Registration Cost: **Free for NUHS Staff**

**Lunch will be provided!**

**Host:**  
  
 A/Prof Catherine Ong  
 Head, NUHS CS Academy

**Open for all to attend!**

**Speakers:**

- Establishing Research Partnerships in Global Clinical Trials**  
 Strategies for establishing and maintaining international research partnerships: Singapore, Hong Kong, Japan, South Korea, & Taiwan.  
  
 Prof Chee Wei Lee  
 Group Director of Research, NUHS
- Conducting Cost-Effectiveness Studies Across Countries**  
 Strategies for maximizing health benefits while considering varying economic contexts and healthcare systems within each nation.  
  
 Dr Kinwa Poon  
 Associate Professor, SSIOPH, NUS
- Global Trials**  
 Feasibility and Key Considerations.  
  
 Dr Sankari Ramaratnam  
 Director, NUHS RD

**TIPS OF THE TRADE: INITIATING AND EXECUTING OVERSEAS STUDIES (PART 2)**

This workshop focuses on the sharing of tips on 'Global Collaboration in Clinical Research' to facilitate effective international cooperation and enhance the quality and efficiency of clinical trials.

**Registration:**  
**SCAN HERE!**  
 Date: **7 Oct 2025 (Tue)**  
 Time: **12pm – 1pm**  
 Venue: **NUHS Tower Block T10-02**  
 Registration Cost: **Free for NUHS Staff**

**Lunch will be provided!**

**Host:**  
  
 A/Prof Catherine Ong  
 Head, NUHS CS Academy

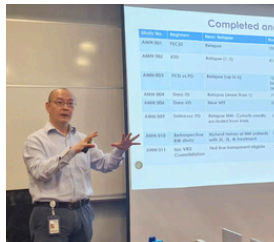
**Open for all to attend!**

**Speakers:**

- Collaborating to Win**  
 Lessons learned and key insights from international collaborations.  
  
 Prof Frank Why Giam  
 Chief Executive, NUHS
- Conducting Studies in Low & Middle Income Countries Settings**  
 Addressing sociocultural environment, restricted resources, possible health inequalities, and ethical issues unique to these areas - Malaysia, Taiwan, & Thailand.  
  
 Prof David Paterson  
 (Emerita), A\*STAR, NUS
- Sharing of Experience in Conducting Multinational Trials**  
 How to effectively work across cultures in global clinical trials.  
  
 A/Prof Nick Chan  
 Deputy Executive Director, NI
- Global Trials**  
 Navigating the regulatory and contractual requirements.  
  
 Dr Sankari Ramaratnam  
 Director, NUHS RD

Registration closes on 22 Sep 2025  
 For enquiries, please contact Ms. April Sim at [april@nuhs.edu.sg](mailto:april@nuhs.edu.sg)  
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**NUHS Clinician Scientist Academy**



## SESSION 1



**30 SEPTEMBER 2025**

The session brought together leading experts to share insights on advancing global clinical research. Prof Chng discussed strategies for establishing and sustaining international research partnerships across Asia. Dr Kiesha presented approaches to conducting cost-effectiveness studies that account for diverse healthcare systems and economic contexts. Dr Sankari and Dr Goh highlighted the feasibility and key considerations in implementing global clinical trials.

## SESSION 2



**7 OCTOBER 2025**

The session featured rich insights on advancing global clinical research. Prof Yeoh reflected on lessons from international collaborations, while Prof Paterson highlighted the challenges of conducting studies in low- and middle-income country settings e.g. Malaysia, Taiwan, and Thailand. A/Prof Chan shared his experience in managing multinational trials across cultures, and Dr Sankari together with Dr Goh addressed the regulatory and contractual complexities of global trials.



# RESOURCES

## CS SPOTLIGHT



**What are some of the challenges of being a CS? How do you work to overcome that?**

When I first started, there weren't many CS doing health services research, but I had a few Family Medicine friends from other clusters who were also doing their PhDs, so we formed a support group. Now there are more researchers in NUHS who are doing health services research, so there's opportunity to collaborate and discuss issues common to us.



**As a mentor, share a key lesson you have learnt**

Individuals pursue a PhD for different reasons. I've had students who were hardworking, motivated, and intelligent. On the other hand, I've also had a student who showed no interest in research and ultimately did not complete the PhD. This experience taught me that motivation and genuine interest in research are just as important as ability.



MEET OUR

### CLINICIAN SCIENTIST



**Dr Goh Lay Hoon**  
Specialty: Family Medicine

MEET OUR

### CLINICIAN SCIENTIST



**Prof Ronald Lee Chi-Hang**  
Specialty: Cardiology

MEET OUR

### CLINICIAN SCIENTIST



**Asst. Prof Zhong Youjia**  
Specialty: Paediatric Allergy & Clinical Immunology

MEET OUR

### CLINICIAN SCIENTIST



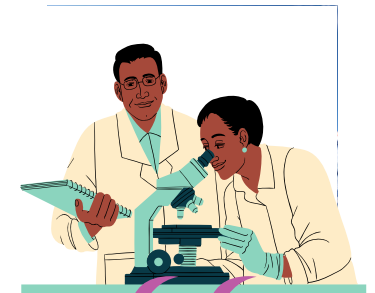
**Asst. Prof Salma Hilal**  
Specialty: Saw Swee Hook School of Public Health



# SPOTLIGHT

**Featuring our very own clinician scientists, where they share their research journeys and some interesting/lesser known facts about themselves.**

**Read their full stories:**  
<https://medicine.nus.edu.sg/csa/cs-spotlight/>



**What one piece of advice would you have given yourself 10 years ago?**

"Life is not a series of planned events" - this is a direct quote from Bishop Rennis Ponniah, and applies to many areas of life. Knowing this, one can take purported "failures" as opportunities rather than adversity.



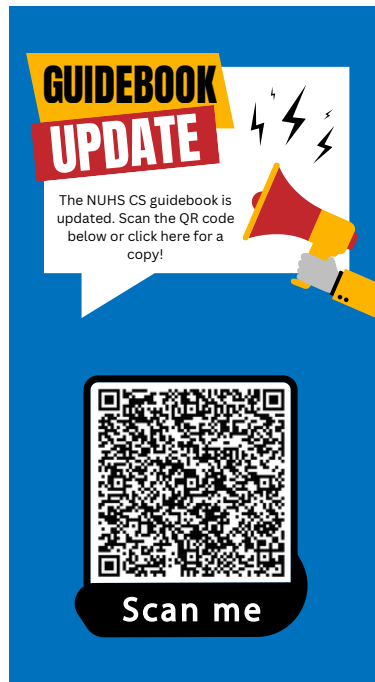
**What is one piece of practical advice you would give to someone new entering this field?**

Always consider how your research findings could be translated into meaningful improvements in clinical practice or public health policy. In dementia and cognitive ageing research, the real value often lies in bridging the gap between data generation and its application to benefit populations at risk. It is important to develop a strong foundation in data literacy, particularly as the field increasingly involves large-scale datasets from neuroimaging, genomics, and digital devices. Cultivating interdisciplinary collaboration is equally critical—insights emerge at the intersection of neurology, public health, bioinformatics, and behavioural sciences. One should also be mindful of the context in which research is conducted. Tailoring study design, analysis, and interventions to the cultural and demographic nuances of specific populations—particularly in underrepresented regions such as Asia—is essential for generating relevant and impactful findings. Finally, patience and resilience are key; this is a complex and evolving field, and progress often comes incrementally through sustained, rigorous inquiry.

# RESOURCES


## CS GUIDEBOOK

Launched on March 2023, the NUHS CS guidebook is a one-stop resource for anyone doing research in NUHS. The guidebook is updated quarterly to ensure the most up-to-date and relevant information.



**GUIDEBOOK UPDATE**

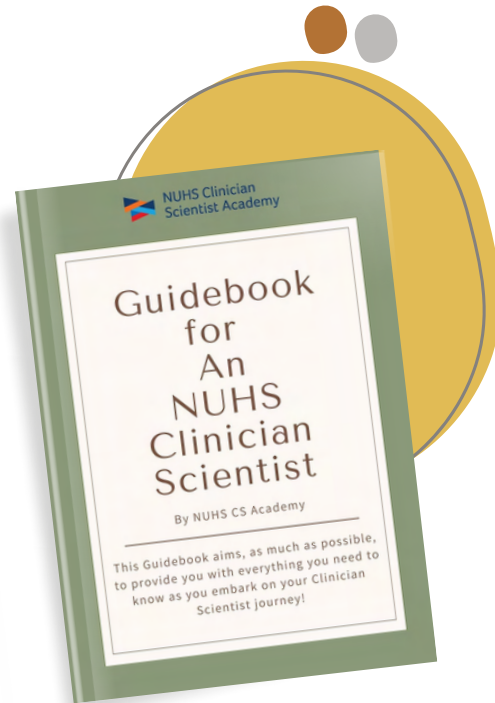
The NUHS CS guidebook is updated. Scan the QR code below or click here for a copy!



Scan me

**Download Now** >

Disclaimer: This version is current as of release. For the latest copy, kindly visit the intranet link provided.



**Intranet Link**  
NUS Intranet: <https://tinyurl.com/GBintranetNUS>  
NUHS Intranet: <https://tinyurl.com/GBintranetNUHS>

## Updates made this year

1

**MARCH 2025**

- Updates to SCRI Courses
- Onboarding Handbook for NUH PIs
- Details of Masters Programme for Clinicians
- Clinician Scientist Residency Programme
- Updates on TRPs and Core Facilities



2

**JUNE 2025**

- Thesis advisors for PhD Students
- Updated Masters programmes information
- Updated grants opportunities information
- Workflow for submission of proposal on iRIMS for NUSMED (NUS only)
- 5 Updates on external grant application through Research Grants Portal (RGP)
- Research Collaboration opportunities information
- Sharing of research database between NUHS institutions
- Transfer of research data to external collaborators
- CS Academy Research Concierge Services
- Updates to NUSMed Research Centres, core facilities and others facilities
- Publication Matters
- Setting up of NUHS Elements and NUS Discovery Research Profile



3

**SEPTEMBER 2025**

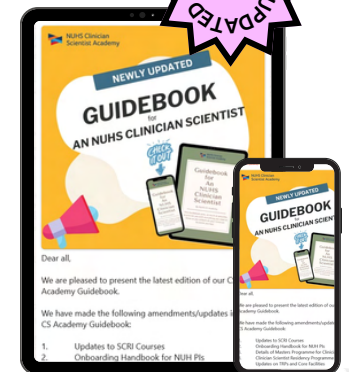
- Cross faculty Elective Fellowship
- Updates on CS Classification & CS Development Pathway
- 2026 RSU Workshops calendar
- Updates on Grants Opportunities
- Updates on TRPs & TRP Central Admin Team
- Top 10% journals by subject category and SJR
- AI in Scientific Writing



4

**DECEMBER 2025**

- TRP Central Admin Team and TRPs updates
- Publications licensing
- Grants related information updates
- NUSMed CY2026 Journal Whitelist



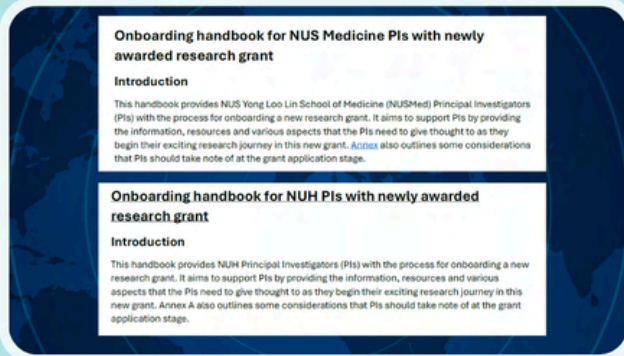
## RESOURCES

NEW!

# ONBOARDING HANDBOOK (for PI with newly awarded research grant)

The handbook serves as a comprehensive resource to navigate various aspects of grant management, including budgeting, reporting, compliance, and project execution. There are two versions available - one for NUS PIs and another for NUH PIs - each tailored to address the specific needs of their respective institutions.

← → ↻ 🔍 www.downloadacopy.com 🔍 📄 ☆



Now Available

**Onboarding handbook for NUSMed & NUH PI  
with newly awarded grant**

[Learn More](#)



FOR  
NUS MEDICINE PI

VS

FOR NUH PI



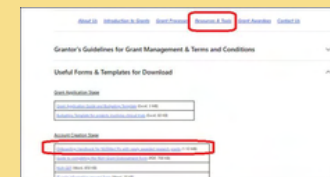
LAUNCH DATE

First launch in December 2024

WHERE TO ACCESS

NUSMed Intranet

- Resources & Tools > Useful Forms & Templates for Download > Account Creation Stage



- Link  
<https://nusu.sharepoint.com/sites/NUHSResearchOffice/SitePages/Research-Grants-Resources%26Tools.aspx>

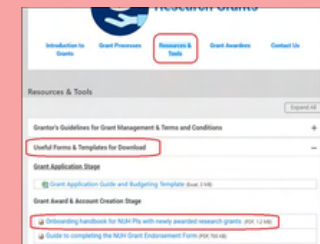
LAUNCH DATE

First launch in March 2025

WHERE TO ACCESS

NUHS Intranet

- Resources & Tools > Useful Forms & Templates for Download > Grant Award & Account Creation Stage



- Link  
<https://nuhs-intranet/ResearchOffice/Pages/Research-Grants-Resources&Tools.aspx>



Provides a forum for young and experience clinician scientists to network. Meet and Greet sessions provides dialogue platform for young clinician scientists to seek wisdom and be inspired by giants of the field. Dialogue sessions allows clinician scientist to seek guidance and share experiences.

# NURTURE

- **Networking**
  - Meet and Greet
- **Clinician Scientist Bootcamp**
- **CS Academy & Medsci-Alliance Retreat**
- **Engagement**
  - A\*STAR Scholars
  - Tenure-track & pre-NUS CS-es, Nursing Assistant Professors
  - NSCP recipients, NMRC RTF awardees, PHD, MCI candidates

# NETWORKING

## MEET AND GREET



Happening across the year, the session provides an opportunity for the clinician scientists in the NUHS community, especially the young ones, to meet and engage with giants of the field.

**March**

12 Mar 2025 (Wednesday)  
12 pm - 1 pm  
Lunch will be provided  
NUHS TB, T09-02

**MEET & GREET**



**PROF EDISON T. LIU**  
Jackson Laboratory Professor, President Emeritus, and Honorary Fellow Edison Liu, MD, focuses on the functional genomics of human cancers, particularly breast cancer, uncovering new oncogenes, and deciphering on a genomic scale the dynamics of gene regulation that modulate cancer biology. Prof Liu is an international expert in cancer biology, systems genomics, human genetics, molecular epidemiology and translational medicine. He has authored more than 220 scientific papers and reviews and co-authored two books.

Host: Dr Shawn Lee  
Paediatrics, NUH

Open to Residents and above.

23 May 2025 (Friday)  
12 pm - 1 pm  
Lunch will be provided  
NUHS TB, T07-05

**MEET & GREET**



**A/PROF JEREMY LIM**  
CEO and Co-Founder of AMILI

- Holds academic roles as adjunct faculty at NUS's Saw Swee Hooh School of Public Health and Monash University Malaysia, previously led research at SingHealth.
- Diverse experience from public/private healthcare across Asia and policy advisory roles with Singapore's MCH, WIC, and the World Bank.
- Serves on multiple health-related boards and is a Senior Advisor to Boston Consulting Group, specialising in healthcare acquisitions and insurance.

Talking Points

- Healthcare and Health as case studies of innovation translating into practice and commercialisation.
- Seed investor and board member experience over several years for both companies, which raised over USD 100 Million each.

Host: Dr Gao Yujia  
Surgery, NUH

Open to Residents and above.

**May**

**July**

28 Jul 2025 (Monday)  
12 pm - 1 pm  
Lunch will be provided  
NUHS TB, T11-03

**MEET & GREET**



**DR STEVEN KUM**

- Dr Steven Kum is a vascular and endovascular surgeon with a strong track record of clinical innovation in limb salvage and minimally invasive vascular interventions.
- He was instrumental in the development and clinical adoption of technologies behind LimFlowSA, acquired by Merit Medical in 2023.
- He patents open endovascular bypass systems, bifurcated stents, and endovascular access methods, designed to improve outcomes in critical limb salvage.

Host: Dr Chua Horng Ruy  
Medicine, NUH

Open to Residents and above.

10 Oct 2025 (Friday)  
12 pm - 1 pm  
Refreshments will be provided  
NUHS TB, T08-05

**MEET & GREET**

**HEALTHCARE INNOVATION IN SG: REDEFINING SUCCESS WHEN PLAYING ON HARD MODE**

Healthcare innovation in SG is difficult as the market is small, investment capital is scarce and institutional collaborations take time.

Come join us for discussions on strategies and new models to enable healthcare innovations to leave the labs and impact the community.

**RESEARCH ASSOCIATE PROFESSOR ALFREDO FRANCO-OBREGÓN**

- Research Associate Professor Alfredo Franco-Obregon applies a biophysical approach to tissue engineering.
- He leads the BICEPS lab at NUS, studying regenerative fields and mitochondrial function in skeletal muscle.
- He is the founder of QuantumTX.

**MR IVAN GOH**

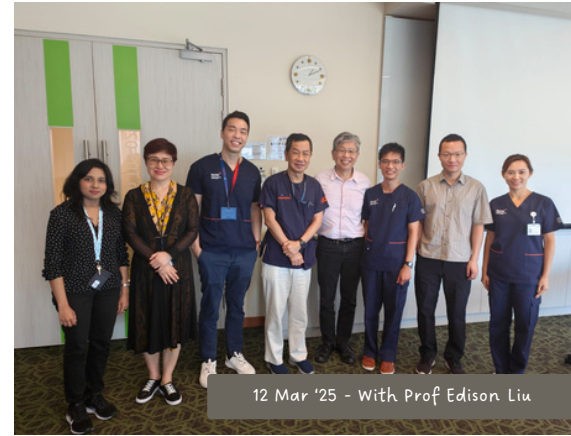
- Ivan Goh is the CEO of QuantumTX, a HealthTech spin-off from NUS.
- He collaborates with scientists and clinicians to commercialise impactful medical technologies.
- With diverse experience, he leads QuantumTX to promote "evidence as medicine" for good.

Host: Dr Clara Ngoh  
Consultant, Department of Medicine, NUH

Open to all interested participants!

Please be advised that by attending this event you are giving your consent to be photographed and/or filmed. These images and recordings may be used for publicity purposes.

**October**



# CLINICIAN SCIENTIST BOOTCAMP

Organisers:



Jointly organized by the NUHS CS Academy and the Clinician Scientist Development Unit (CSDU), the 3D2N bootcamp held at Siloso Beach Resort aims to equip budding clinician scientists with the skills and training to succeed in their research.

## DAY 1 - 15 AUGUST 2025

- 3:00 PM Registration & Check-in
- 4:00 PM Welcome Address & Introduction
- 4:30 PM Ice-breaker Activity (*Funworks*)
- 5:00 PM Teambuilding Programme (*Funworks*)
- 7:00 PM Dinner (Free & Easy)

## DAY 3 - 17 AUGUST 2025

- 9:00 AM Recap & Overview
- Programme by Nature Cancer & Nature Communications**
- 9:15 AM Abstract review session  
Practical exercise 1: Reviewing your abstracts
- 11:00 AM Discussion & Feedback
- 11:30 AM Sharing of Sentosa Collaborative Grant and Feedback
- 12:00 PM Check-out & Lunch
- 1:30 PM Free and Easy Networking & Finding Collaborators

## DAY 2 - 16 AUGUST 2025

- 8:30 AM Welcome & Participant's Introduction
- Programme by Nature Cancer & Nature Communications**
- 9:30 AM What makes a great paper?
- 10:00 AM *Practical Exercise 1: You're the editor!*
- 10:30 AM Titles and abstracts
- 11:15 AM Submitting your paper
- 11:35AM *Practical Exercise 2: Pitching your*
- 1:15 PM The editorial process and peer review
- 1:45PM *Practical Exercise 3: Assessing referee report*
- 2:30PM Journal decisions
- Fireside Chats**
- 4:00PM Challenges faced by junior investigators when setting up research
- 4:40PM *Establishing a strong research presence*
- 5:20PM *The Triple Juggle as an academic researcher: Managing Clinical Work, Research, and You*
- 6:30PM Photo-taking and Pre-Dinner Cocktail
- 7:00PM Dinner
  - RIE 2030
  - Prof Chng CS Journey: Navigating Setbacks, Success, and Balance in Research and Leadership



# CS ACADEMY & MEDSCI-ALLIANCE RETREAT



Organisers:



Jointly organised by the NUHS CS Academy and the NUSMedSci Alliance, this retreat serves as a platform to bring together colleagues from across the campus and the wider NUHS community to share aspirations, discuss challenges, and explore ways to strengthen our research efforts.

- 10:00am** Opening Address
  - Prof Roger Foo, Vice Dean (Research)
  - Prof Chong Yap Seng, Dean (NUS YLLSOM)
  - Prof Chris Peck, Dean (NUS FoD)
  - Prof Chng Wee Joo, Vice-President Biomedical Research
- 10:30am** 1. Strengthening Clinical & Discovery Research Collaborations  
2. Scaling for impact: Bringing basic and clinical researchers together to fuel breakthroughs
- 12:00pm** Networking Lunch
- 01:00pm** Theme 1: Grand Challenges in Health
- 03:00pm** Tea Break
- 03:30pm** Theme 2: Enhancing Research Support
- 04.45pm** Closing Remarks
  - A/Prof Catherine Ong, Head of CS Academy
  - A/Prof Thai Tran, Head of NUSMedSci Alliance

Targeted at practicing NUHS clinicians who are National Clinician Scientists, Cluster Clinician Scientists, or recipients of the NMRC Transition Award and NMRC Research Training Fellowship.

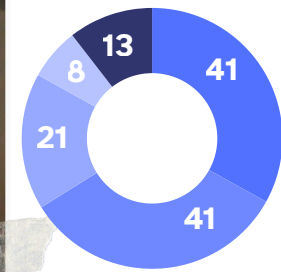
26 Nov 2025

10am - 5pm

NUSS Kent Ridge Guild House



**124 ATTENDEES**



## Participant Demographics

- NUHS CS Academy : 41
- NUSMedsci Alliance : 41
- NUS Faculty : 21
- NUHS RO Representative : 8
- Invited Guest : 13

# ENGAGEMENT

## FIRESIDE CHAT: CROSSING THE RUBICON BY DOING A PHD?

**NUHS Clinician Scientist Academy**

### Crossing the Rubicon by doing a PhD?

Embarking on a PhD may often seem like a decision akin to crossing the Rubicon. If you're uncertain about how a PhD can fit into your clinical career, or simply have questions about what a PhD entails, do come along to this casual chat where three junior clinician-scientists share their experiences!

**Topics covered**

- Why (or not) choose to do a PhD?
- Motivations, career advancement vs interest
- Challenges and trade-offs
- Part-time vs full-time PhD
- Funding opportunities
- Myths vs Truths
- Personal journeys

**Dr Dedrick Chan**  
Consultant, Division of Colorectal Surgery, NGS

**Dr Amanda Chan**  
Senior Consultant, Division of Neurology, NGS

**Dr Stephanie Ko**  
Consultant, Advanced Internal Medicine, NGS

March 03, 2025 | NUHS TB Staff Lounge | 12 - 2PM

**REGISTER NOW**



**Fireseat Chat: Crossing the Rubicon by doing a PhD?**  
03 March 2025 - The session featured three junior clinicians who shared personal anecdotes and practical advice, encouraging attendees to embrace the intellectual curiosity and resilience required to succeed.

### KEY TAKEAWAYS

- 1 Full-Time vs. Part-Time PhD**
  - Consider department support, project needs, and clinical commitments.
  - Full-time PhD allows for deeper focus with fewer distractions
- 2 Finding the Right Mentor**
  - Explore TRPs, external institutions (A\*STAR & beyond), and adapt over time
- 3 Choosing a Research Topic**
  - Start with your own topic or build on your supervisor's interests
- 4 Balancing Clinical Work & PhD**
  - Challenging but feasible with FTE support and structured tracks
- 5 Impact on Procedural Skills**
  - Some skills may decline but can be regained post-PhD with practice
- 6 Career Progression Considerations**
  - Should not be affected but depends on departmental and HOD support

# ENGAGEMENT

## ENGAGEMENT WITH DR FOO SHI YIN

**NUHS Clinician Scientist Academy**

### FIRESIDE CHAT ON DRUG DEVELOPMENT WITH DR FOO SHI YIN

Wandering how to apply your MD or PhD training beyond academia or clinical work? This fireside chat will explore the diverse and rewarding career opportunities available in the biotechnology and pharmaceutical industries—especially for those eager to help bring innovative medicines to patients. Attendees will understand the broader landscape of roles for medical and research doctoral degree holders in drug development and translational science. Dr Foo will also briefly share her own professional journey.

**Speaker:**  
Dr Foo Shi Yin, Scientific founder and CEO, Arvada Therapeutics. Dr Foo is a cardiologist and immunologist with over 20 years' experience driving innovative drug development. She has held executive roles across leading biotech firms and brings deep clinical and scientific expertise from her training at Stanford and Harvard.

**MEET THE HOST:**  
A/Prof Catherine Ong, Head, NUHS CS Academy

**DETAILS**

- 15 July 2025, 11am - 12pm
- NUHS TB T12-02

**REGISTER NOW**

**NUHS Clinician Scientist Academy**

### 1 TO 1 THERAPEUTIC SPINOUT WORKSHOP WITH DR FOO SHI YIN:

Scientific founder and CEO, Arvada Therapeutics

Are you an investigator with a promising therapeutic idea and considering translating to clinical impact or spinning it out into a biotech company? Join a tailored 1:1 workshop designed to help you refine and position your therapeutic concept for future investment and development.

**ABOUT THE SPEAKER:**  
Dr Foo is a cardiologist and immunologist with over 20 years' experience driving innovative drug development. She has held executive roles across leading biotech firms and brings deep clinical and scientific expertise from her training at Stanford and Harvard.

**WHO SHOULD ATTEND:**

- Investigators who have identified a clear molecular target
- Investigators who have a way to modulate that target
- Investigators who have a potential disease indication for the target

**WHEN:**  
An hour session either:  
16 July 2025, Wednesday • 1:30 - 2:30pm  
• 3 - 4pm  
17 July 2025, Thursday • 8:30 - 9:30am  
• 10 - 11am  
The venue and details will be shared once your slot is confirmed.

**WHAT YOU'LL GAIN:**

- Strategic feedback on how to position your therapeutic concept
- Guidance on key data and milestones needed to attract biotech investors
- Discussion tailored to your specific area (most therapeutic areas supported, excluding clinical oncology and infectious disease)

**FORMAT:**

- 1:1 session (investigator may bring their lab members along for the discussion)

**REGISTER NOW**



During the visit, Dr Foo Shi Yin, Scientific Founder and CEO of Arvada Therapeutics, engaged six principal investigators and their teams through personalised one-to-one guidance sessions, offering insights on refining and positioning their therapeutic concepts for future investment and development.

## MEET THE SPEAKER

Dr Foo Shi Yin



Dr Foo brings over 20 years of experience both as a practicing physician and as a catalyst in advancing innovative new programs through the various stages of drug development. She has expertise in a breadth of disease areas, including cardiorenal, immunology/inflammation and rare diseases, as well as an interest in novel and adaptive clinical trial designs. Currently, she is the chief executive officer of Arvada Therapeutics.

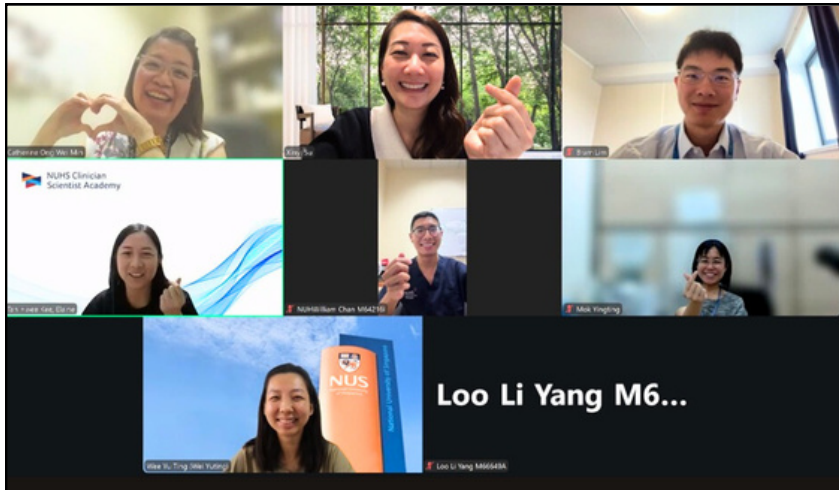


### Fireside Chat on Drug Development with Dr Foo Shi Yin

15 July 2025 - The session highlights the diverse and fulfilling career paths within the biotechnology and pharmaceutical industries, particularly for those passionate about advancing innovative medicines for patients. Dr Foo also shared insights from her own professional journey.

# ENGAGEMENT

## A\*STAR ROADSHOW



### A\*STAR Roadshow @ NUHS

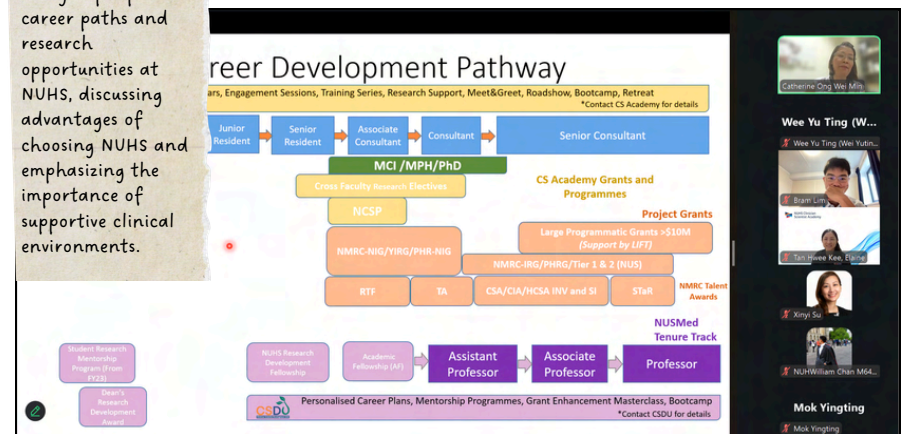
17 September 2025 - Co-hosted by A/Prof Catherine Ong and A/Prof Su Xinyi, the roadshow provided an overview to the NUHS ecosystem and clinician scientist development pathways, discussing various funding opportunities available and organizational structures.



Small group,  
big conversations...



The group explored career paths and research opportunities at NUHS, discussing advantages of choosing NUHS and emphasizing the importance of supportive clinical environments.



# ENGAGEMENT

## DINNER ENGAGEMENT



### Dinner Engagement with Fireside Chats

20 June 2025 - Co-hosted by Prof Roger Foo, A/Prof Catherine Ong and A/Prof Shefaly Shorey, tenure-track clinician scientists, nursing assistant professors and pre-NUS clinician scientists were invited to engage on a Friday evening.



Prof Roger Foo, Vice Dean (Research), delivered a talk sharing his insights from the hiring committee and provided a brief update on adjunct appointments. Dr Bernice Oh supported the Q&A and A/Prof Catherine Ong joined in the discussion.



Prof Ho Ghim Wei, Deputy Chair of University Promotion and Tenure Committee, gave a talk titled "Academic Excellence at NUS". She shared insights into the P&T process. Following her talk, Dr Dedrick Chan and Dr Jocelyn Chew moderated a Q&A with her. It was a lively discussion and the attendees benefited from her insights.

# ENGAGEMENT

## HOLIDAY CHEER & CONNECT: JUNIOR INVESTIGATOR EDITION

**NUHS Clinician Scientist Academy**

*Specialty for NCSP applicants*  
NMRP, R-TR, research, PhD & MCT readiness

**Holiday Cheer & Connect:  
Junior Investigator Edition**

4 Dec 2025 (Thu) | 6.00PM - 9.00PM  
Baker & Cook @ Asian Civilisations Museum  
1 Empress Pl, #01-02, Singapore 179555

A complimentary informal dinner engagement to exchange your experiences as a NUHS Clinician Scientist, focusing on the challenges you face and your strategies for overcoming them.

6.00pm	Opening by Head, CS Academy - A/Prof Catherine Ong
6.15pm	Networking
7.00pm	Administrative information for NCSP 2.0 & 3.0 grants: <ul style="list-style-type: none"> <li>Grant expenditure, budget variations, extensions &amp; deliverables.</li> <li>Process to open NUSNHS subaward.</li> <li>Things to note for NCSP 3.0 application, e.g. Co-I page limit, etc.</li> <li>Availability of Nature Materials On-demand Courses</li> </ul>
7.15pm	NCSP 2.0 Insights and PhD Journey Dr Shawn Lee - 5 min NCSP 2.0 Journey Dr Sim Ming Ann - 5 min Q&A (10 min)
7.30pm	Fireside chat: Share his CS journey (Prof Ashok Venkitaraman)
8.30pm	Christmas carol - Secret Santa gift exchange
9.00pm	End of event

**Register now!**

Let's also extend a warm welcome to our new NCSP3.0 awardees! The CS Academy is eager to hear from each of you. Join us for this early Christmas celebration!

### BAKER & COOK

#### Dinner Engagement with Fireside Chats

*4 December 2025 - An informal dinner gathering where NUHS clinician scientists exchanged experiences, discussed challenges, and shared strategies for overcoming them.*



Dr Shawn Lee and Dr Sim Ming Ann shared their NCSP and research journey.



Prof Ashok Venkitaraman shared his reflections as a clinician-scientist.

Networking before the event.





# OTHERS

- **Behind the Scenes**
- **In their Words**
- **Soundbites**
- **The Year Ahead**

CNY louhei



Yearly RO Retreat

# Behind

## The Scenes

Get a sneak peek at what happens



# Behind the Scene



Preparing refreshments for events

CNY celebration with council members

Sharing successes together

Happening now. Prof Yeoh receiving the College of Clinician Scientists Medal For Lifetime Contribution & Achievement In Translation Research in Singapore over 4 decades.

Timely reminders

Good morning! Focusing on what matters and what is Great Science. For those of us aspiring and training to be independent PIs, here is a re-cap.

"Food for the soul"

# PARTICIPANT'S FEEDBACK

## In Their Words

“Gained practical knowledge and perspectives through discussions stem from different disciplines”  
- **Research Fellow, NUS Medicine**

“Lovely opportunity to network with peers, near peers and senior investigators”  
- **Associate Consultant, NUH Haematology-Oncology**

“Every speaker value adds with precision & had a very engaging & rich discussion with very good time management”  
- **Senior Consultant, NUH Medicine**

The lecture was very practical, and I hope to make good use of AI to enhance my paper-writing skills  
- **Medical Student, NUS Medicine**

“Very interesting insights on biomedical entrepreneurship and frank opinions were shared”  
- **Senior Consultant, NUH Medicine**

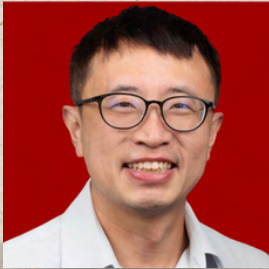
“So engaging and enlightening”  
- **Consultant, NUH Dermatology**

“The sharing was helpful and encouraging.”  
- **Assistant Professor, NUS SSHSPH**

“The talks were brief but informative”  
- **Senior Research Fellow, NUH Medicine**

“Very interesting insights on biomedical entrepreneurship and frank opinions were shared”  
- **Senior Consultant, NUH Medicine**

# Soundbites



**A/PROF THOMAS YEO**

We don't go for average papers, we go for home runs

---



**PROF ROGER FOO**

Difficult conversations - Listen, ask questions. Think about interests, and not positions. Ask questions. What can I do to make your job better.

---



**PROF ZHANG CUILIN**

Practice empathy -successful collaborations thrive on mutual benefit

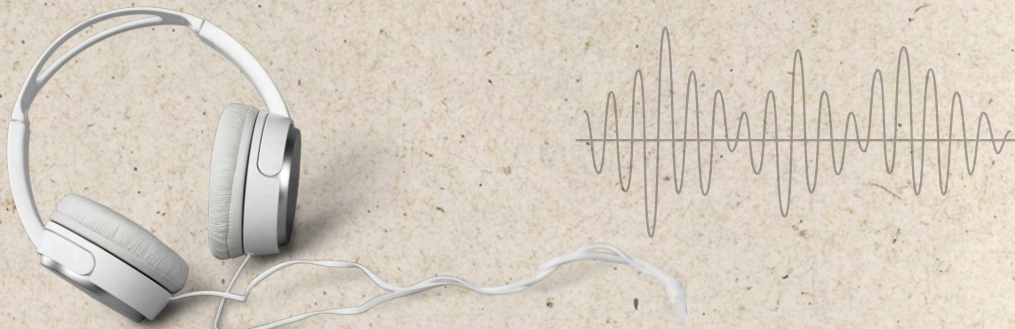
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**PROF NG SIOK BIAN**

When curiosity finds purpose and learning becomes a passion, growth never stops.

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# Soundbites



**PROF TULIKA MITRA**

Promotion and tenure should not be a destination, but a by-product of your research excellence

---



**ASST. PROF THAM YIH CHUNG**

Find Commonality, Build Trust, and Keep the Momentum” – that’s the way for successful interdisciplinary collaboration.

---



**A/PROF HELEN ZHOU JUAN**

With open eyes we stay curious, with clear words we connect, with shared minds we create, and with trusting hearts we make impact.

---



**PROF ASHOK VENKITARAMAN**

Let’s embrace measured risk, without failing, you can’t do big things

---





**DR SHAWN LEE**

As the wise philosopher Taylor Swift said recently: "but a shattered glass is a lot more sharp" - It's ok for ideas/grants/papers/proposals to be shattered, broken down, or dissected.. because it means they will come back even better and more cutting-edge than before!

---



**DR MO YIN**

This year reminded me how much a group of committed people can shape each other's growth. I'm grateful for the conversations, the small shared moments, and the sense of purpose we built together. Thank you for being part of this journey.

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# Soundbites



**A/PROF CITRA MATTAR**

Nurture your passion and curiosity.  
Embrace deadlines, setbacks and rejections .  
Failures are only delays to success.  
Build your network.  
You don't need to be perfect.  
And remember - what you are doing is worthy, worthwhile, and will touch someone, somewhere, more than you can imagine.

---



**ADJ. A/PROF CHUA HORNG RUEY**

Find what you truly love to do and learn to enjoy your work. That will go a long way

---

# “2026”

What's next?

Hear from the community as they share their reflections and aspirations for the year ahead.

“

Wishing for speedy resolution to barriers to research admin and DSRB approvals

Prof Lim Seng Gee



“

I am deeply honoured to be part of the Clinician Scientist Academy community, where we collectively nurture the next generation of clinician-scientists and researchers. Being surrounded by selfless, dedicated seniors who generously share their wisdom has been both inspiring and humbling. I look forward to continuing my service on the Academy's Council, strengthening our shared mission of advancing clinical research excellence and supporting emerging talents.

Adj Prof Shefaly Shorey



## The Year Ahead



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When Catherine first contacted me to participate in the Council, I didn't know what to expect. Fast forward 1 year later, I learned a lot from working with this very supportive group of council members who are all at different stages of their careers. As a junior CS, I am reassured that the Council will always hear us out and support us in this journey! And from participating in the Council activities, my takehome message is to be thick-skinned!

Adj Asst Prof Amanda Chan

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Looking forward to making the argument for more surgeon-scientists in 2026!

Dr Dedrick Chan



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May the coming years bring novel hypotheses, convincing data, impactful publications and pathways to translation

Prof Christopher Chen





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It truly takes a village to nurture the next generation of clinician-scientists, surrounded by mentors with diverse expertise and experience, our young talents have flourished. We are very proud that the Academy has fostered this ecosystem, and are confident that our community will continue to grow from strength to strength. Here's to celebrating our collective achievement and to an even better 2026 ahead!

*Asst Prof Tham Yih Chung*



Best wishes for 2026 for us all!



*Asst Prof Luo Nan*



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What inspires me is seeing how science and research can help us address the gaps and questions we encounter every day in clinical practice. I'd love to be a bridge for junior and budding clinician-scientists, who face unique challenges as they begin their journey. I'm excited to be part of the CS Academy Council and to learn and grow together with everyone!

*Adj. Asst Prof Benjamin Tan*

# The Year Ahead



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It is so essential to be well-trained. Soak in the scientific thought, hypothesis generation, data analysis, journal clubs, class discussions, individual discussions with professors... the best parts of a PhD. The project is important, but not the main course.

One must be able to debate scientifically in one's field, discern between error and truth, fad and fact, euphoria and real-value. Through that process find a line of questioning too enticing to resist, and discover where the next answer lies. Becoming astute, curious and discerning, that is the goal of a PhD.

*Asst Prof Joshua Tang*





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