



## **Global Health Office**

### **Report No. 4/2023 (1 Jan 2023 – 30 Jun 2023)**

#### **Aims and Mission**

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The Global Health Office (GHO) supports the School's mission to achieve regional and global impact. It facilitates and directs the School's global health expertise and resources to coordinate activities at the regional and international level. This includes partnerships with external organisations, training of international health leaders, sourcing and administering research grants from international funders, and providing research and development opportunities for our faculty, staff and students.

#### **Role**

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The work of the GHO include:

- Sourcing for regional and international academic opportunities for faculty, staff and students
- Oversight of and support for the School's regional office (UHS-SSHSPH Integrated Research Programme in Cambodia and NUS SSHSPH – Lao PDR Programme in Lao PDR)
- Oversight of and support for the Leadership Institute for Global Health Transformation (LIGHT)
- Supporting the submission and implementation of international research grants and programmes by faculty and staff
- Organising events such as leadership training programmes and conferences
- Tracking the international and global health activities of the School

#### **Staff**

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##### **GHO**

Manager: Elisa Coati

Senior Assistant Manager: Yvonne Teo

Senior Assistant Manager: Zunairah Binti Lukman

Senior Executive: Felicia Yue

Senior Executive: Korn Laongkul

## International & Global Health Activities

This is the fourth report collating international and global health activities at the School, covering the period from 1 Jan 2023 to 30 Jun 2023. Reports will be issued biannually and include updates on grants and other projects, as well as events, courses and webinars, and international activities and partnerships. The projects and activities of the Regional Offices will be reported in a separate section below.

### Projects

Funder	Title	PI	Countries	Dates	Status
DFAT	Southeast Asia Health Security Roundtables – Improving Regional Health Security through Knowledge Exchange & Collaboration	Prof Hsu Li Yang	Singapore, Thailand, Indonesia	Jun 2023 – Jun 2024	Ongoing
SSHSPH/ DPRT/ YLLSOM/ Duke NUS/ Health Security Centre	NUS-Lancet Pandemic Readiness, Implementation, Monitoring and Evaluation (PRIME) Commission	Prof Helena Legido-Quigley; Prof Hsu Li Yang	Global	May 2023 – Dec 2025	Ongoing
ODPRT, SSHSPH	Clinical evaluation of AI Solution for Mammogram-based Breast Cancer Diagnosis with a Japanese Cohort	Asst. Prof Feng Mengling	Japan	Apr 2023 – Mar 2025	Ongoing
HITAP	Strengthening Capacity for Evidence-Informed Health Decisions	Asst. Prof Hannah Clapham	Indonesia, Thailand	Mar 2023 – Sep 2024	Ongoing
HITAP	Development of policy options to support reimbursement decision on high cost health interventions in Thailand's public healthcare system	Asst. Prof Chen Wenjia	Thailand	Feb 2023 – Jul 2023	Ongoing
Reach52	Validating research study conducted by reach52	A/Prof Jeremy Lim	Indonesia, Philippines	Jan 2023 – Dec 2024	Ongoing
APRU (Association of Pacific Rim Universities)	AI for Social Good: Strengthening Capabilities and Government Frameworks in Asia and the Pacific	Asst. Prof Jasper Tromp	Thailand	Apr 2022 – Jul 2023	Ongoing
Tan Tock Seng Hospital	Freshwater fish consumption in South East Asia	Asst. Prof Borame Dickens	Southeast Asia	Feb 2022 – Feb 2024	Ongoing
Gates Foundation	SEARCH (Southeast Asia Regional Collaborative for Health)	A/Prof Jeremy Lim; Prof Helena Legido-Quigley	Southeast Asia	Jan 2022 – Dec 2023	Ongoing

CMB Foundation	Southeast Asia Health Equity Index (HEI)	A/Prof Jeremy Lim	SEA (collaborators in Cambodia, Indonesia, Vietnam)	Jan 2022-Dec 2024	Ongoing
SDGHI-SSHSPH Joint Funding Initiative on Global Health Research in Asia	Assessing burden of surgical diseases and surgical care in Southeast Asia	Dr Liow Chee Hsiang	Singapore, Malaysia, Cambodia	Oct 2021 – Dec 2023	Ongoing
SDGHI-SSHSPH Joint Funding Initiative on Global Health Research in Asia	Carbapenem-resistant Gram-negative Bacilli in Cambodia: characterizing antibiotic susceptibilities towards novel agents and genotypic mechanisms of resistance	Asst. Prof Rick Ong	Cambodia	Sep 2021 – Aug 2023	Ongoing
MOE Tier 1 (FRC)	Examining global health and human security in the COVID-19 new normal: case studies from Asia	A/Prof Natasha Howard	Syria/Syrian diaspora; Nepal	Mar 2021 – Feb 2024	Ongoing
Start-Up Grant	Epidemiology, prevention, and management of infectious diseases in Cambodia	Asst. Prof Siyan Yi	Cambodia	Jan 2021-Jan 2024	Ongoing
Start-Up Grant	Mathematical modelling of infectious disease transmission and control in Asia	Asst. Prof Hannah Clapham	Asia	Mar 2020 – Feb 2025	Ongoing
Asia Pacific Observatory	The development and implementation of National Action Plans on Antimicrobial Resistance in Bangladesh, China, Hong Kong, the Philippines, and Singapore: Challenges and Lessons Learned for policy makers	Prof Helena Legido-Quigley	Singapore, Bangladesh, China, Hong Kong, the Philippines	Apr 2022 – Mar 2023	Completed
MOE Tier 1 (FRC)	A mixed-methods study exploring stigma and perceptions of mental health in South East Asia	A/Prof Natasha Howard	ASEAN	Mar 2020 – Feb 2023	Completed

## Training and Conferences

Date	Event Type	Title	SSHSPH Lead	External Partner	Countries	Funding	Status
Jun 2022 – Jun 2025	Courses (online/in-person)	Modelling Infectious Diseases in Southeast Asia	A/Prof Alex Cook		Singapore, Overseas Participants	Temasek Foundation	Ongoing
Jun 2022 - Jun 2025	Courses (online/in-person)	Enhancing Telehealth for Pandemic Preparedness	Sharon Tan		Singapore, Overseas Participants	Temasek Foundation	Ongoing
Jun 2023	Talk	Vaccination Rollout from Global Public Health Perspective	Prof Hsu Li Yang		Singapore, Australia		Completed
Jun 2023	Workshop	Fruitful Research: How to Make Health Innovation Worthwhile	A/Prof Wang Yi	HITAP	Singapore, Thailand		Completed
Apr 2023	Roundtable	Virtual Roundtable on Pandemic Preparedness with The Australian National University	Prof Hsu Li Yang	The Australian National University	Singapore, Australia		Completed
Mar 2023	Course	Risks to Health Security	Prof Hsu Li Yang		Singapore, Overseas Participants	MFA	Completed
Feb 2023	Course	Infectious Disease Control and Outbreak Management	Prof Hsu Li Yang		Singapore, Overseas Participants	MFA	Completed

## Webinars

Date	Title	SSHSPH Speaker(s)	External Partner	Countries	Status
May 2023	Global Health Seminar Series 2023 - Understanding the Ongoing New Zealand Health Reforms	A/Prof Jeremy Lim		New Zealand	Completed
Apr 2023	Tsinghua VSPH & NUS SSHSPH Joint Workshop on Academic-Government Partnership	Prof Hsu Li Yang, A/Prof Jason Yap	Tsinghua University	Singapore, People's Republic of China	Completed

			Vanke School of Public Health		
Apr 2023	Women in Global Health series –Motherhood on Ice: The Mating Gap and Why Women Freeze their Eggs	A/Prof Jeremy Lim	University of Malaya		Completed
Feb 2023	The Southeast Asia Strategic Health Purchasing Registry: Launch Event	A/Prof Jeremy Lim	Bill and Melinda Gates Foundation	Southeast Asia Countries	Completed
Jan 2023	One Health Approaches to Global Health Security	Afifah Rahman-Shepherd			Completed

## Regional offices & Networks

**Cambodia:** The USIRP team now comprises two Research Fellows and one Research Associate under administrative support from the University of Health Sciences in Phnom Penh, as well as one Research Fellow, one Research Associate, and one Research Assistant at NUS.

### Ongoing projects in Cambodia (external funding only)

Project title	Funding Agency (start and end date)	PI
Developing infection prevention and control (IPC) to reduce incidence of hospital-associated infection (HAI) in Cambodia and Laos	Reckitt Global Hygiene Institute (Jan 2022– Jun 2024)	Asst. Prof Siyan Yi
i-MoMCARE – Innovative Mobile Technology for Maternal and Child Health Care in Cambodia: A Cluster Randomized Controlled Trial	BMGF (Nov 2021– Oct 2024)	Asst. Prof Siyan Yi
Establishing Antimicrobial Stewardship in Cambodia	Pfizer (Dec 2018– May 2024)	Prof Hsu Li Yang

### Lao PDR

The NUS SSHSPH - Lao PDR Programme was launched on 7 February 2023 in partnership with the Lao Tropical and Public Health Institute (TPHI) in Vientiane. The programme focuses on research, education, and training, offering courses and grants for researchers in Lao PDR. It aims to foster partnerships, strengthen capacity, and support evidence-informed policies in public health aligned with the Ministry of Health's priorities.

The programme also aims to support research collaborations between Lao PDR researchers and NUS SSHSPH, through the NUS SSHSPH - Lao PDR Programme Research Grant (NUS SSHSPH – Lao PDR PRG). It provides funding and collaboration opportunities for exploratory and developmental research projects in their early stages conducted in Lao PDR. The first seed grant call received twelve applications, and three seed grants have been awarded.

### Ongoing projects in Lao PDR (external funding only)

Project title	Funding Agency (start and end date)	PI
Effectiveness and cost-effectiveness of Rotavirus vaccination in children under 5 years old in Lao PDR: Mathematical modelling approach	Vaccine Impact Modelling Consortium (2021 to 2023)	Asst. Prof Hannah Clapham

### ADVANCE ID

The ADVANCE ID (ADVANCing Clinical Evidence in Infectious Diseases) **network** (funded for 36 months) will conduct research to develop the most effective ways to treat and prevent life-threatening drug-resistant infections. As a host for the network, the School will be working closely with local partners – namely the NUS Yong Loo Lin School of Medicine, Duke-NUS Medical School, Lee Kong Chian School of Medicine in Nanyang Technological University as well as National Centre for Infectious Diseases – to carry out clinical trials related to drug-resistant infections. The Singapore Clinical Research Institute (SCRI) is also actively supporting multiple work streams for the Network.

## Projects

Funder	Title	PI	Countries	Dates	Status
Wellcome Trust	A Clinically Oriented Antimicrobial Resistance Surveillance Network for	Prof David Paterson	30+ sites across Asia	Jun 2022- May 2024	Ongoing

	Healthcare- Associated Infections (ACORN-HAI)				
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## Other International Relations

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A Memorandum of Understanding (MoU) was signed with Australian National University, serving as a framework for cooperation between the two institutions on areas such as joint training courses, staff visits, and strategic engagements.

A MoU was signed with Tsinghua University Vanke School of Public Health, focusing on expanding collaboration between the two institutions to promote joint research and development activities.

A MoU was signed between SSHSPH, HITAP, National Health Security Office of the Kingdom of Thailand, Thailand Center of Excellence for Life Sciences (Public Organization), and Thailand Science Research and Innovation, for collaboration on priority setting and early health technology assessment of health innovation in the Kingdom of Thailand.

## Visits

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- 15 Jun 2023: Mr Ong Ye Kung, the current Singapore Health Minister visited the School. The School shared its work on Global Health, particularly in Lao PDR and Cambodia.
- 14 Jun 2023: Ministry of Foreign Affairs (MFA) Deputy Chief of Mission Mr Zhen Hao visited the School regarding the work in Lao PDR.
- 9 Jun 2023: Bill and Melinda Gates Foundation met up with the Prof Hsu Li Yang (Vice Dean of Global Health), Asst. Prof Siyan Yi (Lead for USIRP), and Asst. Prof Hannah Clapham (Programme Leader in Infectious Diseases). Attendees from Bill and Melinda Gates Foundation includes Dr Chris Elias (President, Global Development), Hari Menon (Director, India Country Office), Arnav Kapur (Global Lead, Philanthropic Partnerships), Jamal Khan (Regional Representative - Policy and Government Relations, South/Southeast Asia), and Liz Blakeley (Associate Program Officer, Global Development). The meeting discussion was focused on advancing global health goals in Southeast Asia.
- 5 Jun 2023: Prof Mondastri Korib Sudaryo, Dean of the Faculty of Public Health, Universitas Indonesia (FPH UI), and A/Prof Dr Robiana Modjo, Head of Bachelor of Public Health Study Program FPH UI paid a visit to the School to discuss with Prof Hsu Li Yang, on the potential collaborations and shared activities between the institutions.
- 26 May 2023: Prof Wong Tien Yin from DukeNUS Medical School and a delegation from the School of Medicine, Tsinghua University visited the School and discussed about forming a link with the ADVANCE ID network based in the School.
- 23 - 26 May 2023: International Advisory Panel visited the School to evaluate School's Strategic Cohort.
- 28 Apr - 2 May 2023: School Official Visit to Tsinghua University, Vanke School of Public Health.
- 10 Mar 2023: The School hosted the visit of Deputy Prime Minister Mr Heng Swee at the ADVANCE ID showcase.
- 8 Feb 2023: YB Dato Seri Setia Dr Haji Md Isham Bin Hj Jaafar, Minister of Health of Brunei Darussalam, visited the School and shared valuable insights on public health challenges and exchanged perspectives on population health initiatives with the faculty members.
- 17 Jan 2023: Visit from Department of Disease Control (DDC Thailand) and Bamrasnaradura Infectious Diseases Institute (BIDI Thailand).

### International Honorary Affiliates

The School has established an honorary affiliate scheme for international experts who are based overseas, similar to the honorary adjunct faculty scheme for Singapore-based academics and experts.

The current appointments are as follows:

Name	Country	Dates of Affiliation (Start)	Dates of Affiliation (End)	Areas	Engagements
Swee Kheng Khor	Malaysia	1 Mar 2022	29 Feb 2024	Health Policy; Health Systems; Global Health	2023 and 2022: - Lead on SEARCH project (strategic purchasing) awarded by Gates Foundation - Provided monthly general and regular advice on their respective countries and policy changes
Gillian Leng	UK	14 Feb 2022	13 Feb 2024	Healthcare Services and Management, Health Systems and Policies, Health Economics, Epidemiology	2023: - Provided guidance on the development of the Master of Science in Health Economics and Outcomes Research (MSCHEOR) programme - Potentially a speaker for HIPER's workshop
Kenneth Hartigan-Go	Philippines	1 Jan 2022	31 Dec 2023	Health Policy; Health Systems: governance, regulations, and care	2023 and 2022: Provided monthly general and regular advice on their respective countries and policy changes 2022: - Speaker on ALPHA Fellowship Programme in October
Mark Jit	UK	1 Jan 2022	31 Dec 2023	Infectious Diseases, Epidemiology, Modelling, Global Health, Health Economics	2023 and 2022: - Mentor for work in global human papillomavirus - Provided advice for Laos office and planning a visit to Laos for HTA training in Oct/Nov 2023 - Conducted joint review on modelling for public health policy - Facilitated discussions during the first MIDSEA workshop in May 2023 - Joint modelling and vaccinology courses (between NUS, HITAP, LSHTM) in Southeast Asia - Part of Lancet Commission with NUS - Part of the Product Development for Vaccine Advisory Committee with NUS faculty (A/Prof Hannah Clapham) - Facilitated collaborations between SSHSPH and LSHTM



					<ul style="list-style-type: none"> <li>- Involved in multiple joint publications with NUS Faculty</li> <li>- To facilitate discussion at the HTAAsiaLink 2023</li> <li>2022: <ul style="list-style-type: none"> <li>- Collaborated on work in pneumococcal conjugate vaccination</li> <li>- Collaborated on health technology assessment policymaker engagement with ministries of health in the region (e.g. The Philippines, Bhutan) during HTAAsiaLink2022</li> <li>- Hosted Singapore Ministry of Health CDD (Prof Vernon Lee and Dr Marc Ho) at LSHTM in Oct</li> </ul> </li> </ul>
Tim William	Malaysia	1 Jan 2022	31 Dec 2023	Infectious Diseases	<ul style="list-style-type: none"> <li>2023: Provided advice to Vice Dean (Global Health) on infectious diseases related to Malaysia</li> <li>2022: Gave a Malaria lecture in NUS Module SPH5201 (Control of Communicable Diseases) in Mar</li> </ul>
Eduardo Banzon	Philippines	1 Nov 2021	31 Oct 2023	Health Systems Financing	<ul style="list-style-type: none"> <li>2023: <ul style="list-style-type: none"> <li>- Point of contact for Asian Development Bank</li> <li>- Participant in a Leadership Forum on Progressing Precision Health for Asia, Wednesday, 12 July 2023 (pre-conference event)</li> <li>- Speaker for Precision Public Health Asia 2023 Conference (PPHA2023). Date: Thursday, 13 July 2023. Topic: Financing Precision Population Health Management (15 minutes presentation)</li> <li>- Moderator for Precision Public Health Asia 2023 Conference (PPHA2023). Date: Friday, 14 July 2023. Topic: Digital leapfrog to enable access to underserved populations and improve health equity (moderation)</li> </ul> </li> <li>2022: <ul style="list-style-type: none"> <li>- Advised and shared expertise on strategic purchasing project led by LIGHT team</li> <li>- Organising committee of the Precision Public Health Asia Conference 2023</li> <li>- Provided monthly general and regular advice on their respective countries and policy changes</li> </ul> </li> </ul>

Jaime Caro	UK	1 Aug 2021	31 Jul 2023	Modelling, health economics, comparative effectiveness, epidemiology, HTA, and outcomes research	2023: Will be involved as SPH5423 lecturer 2022: - Provided consultations to 2 PhD students on their projects - Provided technical advice to HIPER's project named PRUDENCE - 26 May to 2 Jun: Gave lectures in NUS Module SPH5423 (Simulation for Health Technology Assessment)
Jorgen Moller	UK/Sweden	1 Aug 2021	31 Jul 2023	Simulation in pharmacoconomics and outcomes research, HTA	2023: - Working with HIPER on a pre-conference workshop to be held in September 2023 - Will be involved as SPH5423 lecturer, and potentially conduct internal training sessions for HIPER's staff 2022: - Provided technical advice to HIPER's project named PRUDENCE - 26 May to 2 Jun: Gave lectures in NUS Module SPH5423 (Simulation for Health Technology Assessment) - Conducted 3 internal training sessions on Discretely Integrated Condition Event (DICE) for HIPER's staff; (a) Time To Event modelling- this was implemented in DICE, (b) Chronic Disease modelling in DICE using RA as an example, (c) A comparison of a Partition Survival model and a Time To Event model, both also implemented in same workbook
Michael Herdman	UK	7 Jun 2021	6 Jun 2023	Health Systems and Policies, Qualitative research, Epidemiology, Health Economics	2023: - Co-I with A/Prof Luo Nan on Lao PDR seed fund project 2022: - Co-I with A/Prof Luo Nan on 3 projects - Co-PhD thesis advisor to 1 PhD student (Oct 2022 to Jul 2024)

## Forthcoming appointment:

Name	Country	Dates of Affiliation (Start)	Dates of Affiliation (End)	Areas
Michael Friedman	USA	1 Jul 2023	30 Jun 2025	Health Security in Regional Countries, Global Health and Health Security