



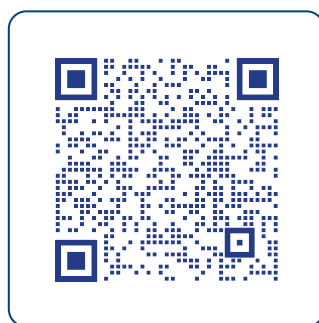
全球健康项目
Global Health Program

Duke GLOBAL HEALTH
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FROM INNOVATION TO IMPACT

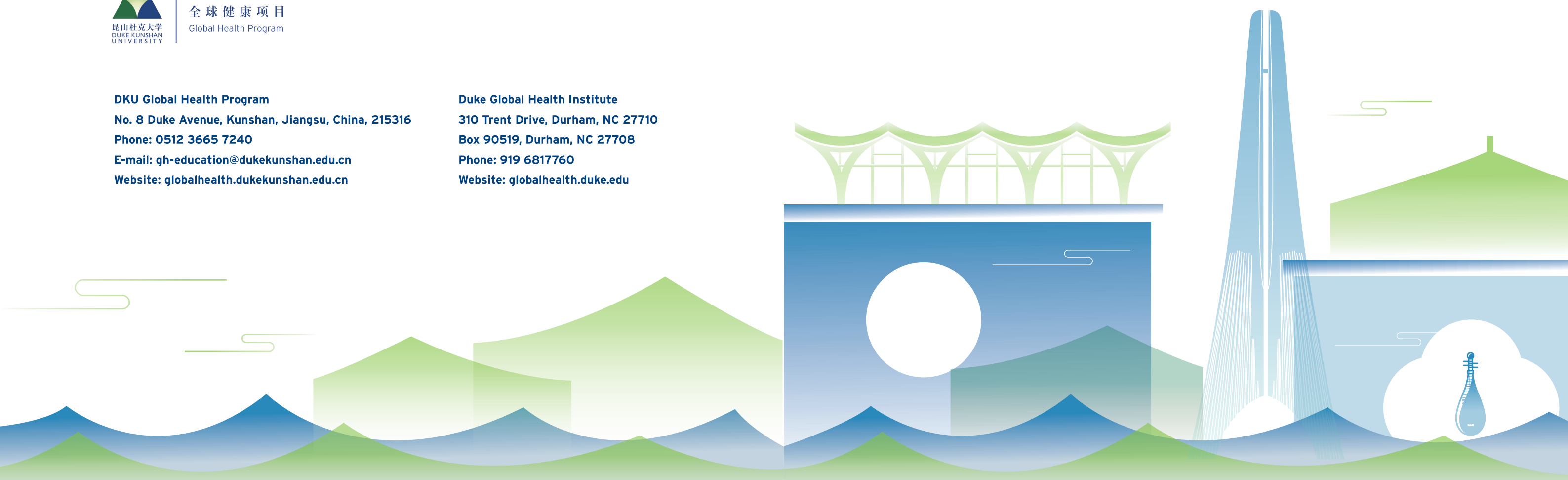
2025 Annual Report for Global Health Program
Duke Kunshan University



全球健康项目
Global Health Program

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Directors' Message

The year of 2025 was remarkable for profound changes that have redefined the global health landscape. From the expansion of immunization programs here in China to the growing burden of Non-Communicable Diseases (NCDs) worldwide, and from massive funding cuts to the insidious effects of climate change, while powerful and rapidly advancing artificial intelligence dominated the headlines, we remained focused on a single imperative: how to translate innovation into equitable and sustainable impact. It is in this spirit that we present this annual report.

The Innovation Lab for Vaccine Delivery Research (VaxLab) exemplifies how we translate innovation to impact. Since 2022, our team has published 50 peer-reviewed articles while simultaneously advancing policy dialogue at the highest levels. We take particular pride in VaxLab's role in supporting China's national decision to offer free bivalent HPV vaccines to adolescent girls—a landmark policy change benefiting millions of families. This outcome is a success of evidence-based policy; it is what becomes possible when evidence meets persistent, multi-stakeholder advocacy.

Bridging research and practice also extends to NCDs prevention. Our work focuses on hypertension and diabetes among older adults in primary care settings. To date, our team has been working in China, Nepal, the Philippines, Vietnam, and Tanzania to tackle these common NCDs and the complex issues of multimorbidity. The findings from our research continue to inform national policies and efforts toward health system strengthening.

Innovation remains shelved in aspiration without translation. Impact requires persistence, partnership, and the courage to work across boundaries. In 2025, through the CREATInG Initiative, a project that we co-launched with Duke-NUS Medical School in Singapore, we take actions to strengthen regulatory capacity for in-vitro diagnostic manufacturers from China and across Asia—to accelerate access to affordable diagnostics in the low- and middle-income countries that need them most.

Education remains central to our mission. This year, 30 global health students co-authored 20 peer-reviewed publications. Four master students were selected for the Duke Global Policy Program in Geneva, and seven earned top honors in the 5th DKU Innovation Challenge. Their work, including AI-powered nutrition platforms, screen-free metro health initiatives, vaccine communication strategies for older adults, reflects not only technical proficiency but soaring imagination.

We extend our sincere gratitude to all our partners across the Duke family, in government and NGOs, in academia and industry, both in China and globally, for making our work possible.

We are deeply grateful for the vital support of our donors, including the Gates Foundation, the National Natural Science Foundation of China, E-Fund, Xingzheng Global Fund Management, and Ningquan Asset Management.

Our heartfelt thanks go to colleagues at Duke University, Duke-NUS, and all collaborating institutions. Above all, we thank our dedicated faculty, staff, and students, whose passion and rigor are the driving force behind this report.

As we look to 2026, we do so with clarity and purpose—and with sober recognition of the global health headwinds. Now more than ever, the question is not whether our research is excellent, but whether it matters. Whether health solutions reach those who need them the most. Whether health policy strengthens systems to move the needle toward better health equity. This is the standard to which we hold ourselves. This is what it means to move from innovation to impact.

We invite you to join us in this work.



Shenglan Tang
M.D., Ph.D.



Fufie Xu
M.D., Ph.D.

Co-Directors, Global Health Program
Duke Kunshan University

SIGNATURE PROJECTS



The Innovation Lab for Vaccine Delivery Research (VaxLab)

Background

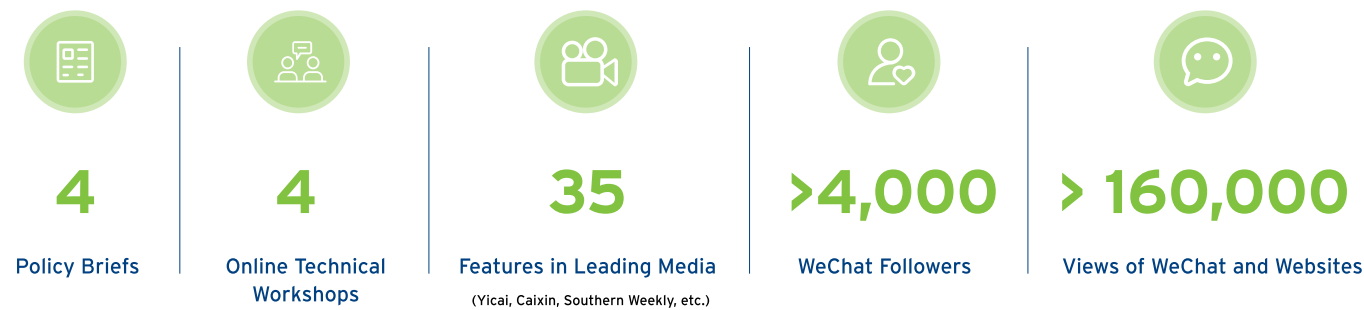
The Innovation Lab for Vaccine Delivery Research (VaxLab) was founded in 2021 at Duke Kunshan University, China, with support from the Gates Foundation. Led by Professor Shenglan Tang, VaxLab aims to advance the National Immunization Program (NIP) in China and Asia by producing high-quality evidence and conducting policy advocacy. The project addresses four prioritized domains: 1) developing strategies to strengthen the NIP; 2) improving the vaccine delivery efficiency and coverage; 3) improving vaccine financing and services; and 4) advocating for the inclusion of WHO-recommended vaccines into NIP.

Throughout 2025, VaxLab completed 10 research projects while simultaneously advancing multiple key initiatives. By the end of 2025, the team and its collaborative research partners had published 50 peer-reviewed papers in leading journals, including *The Lancet Public Health*, *The Lancet Regional Health –Western Pacific*, *BMJ Global Health*, *PLOS Medicine*, *Chinese Journal of Vaccines and Immunization*, and *Chinese Journal of Epidemiology*. Additionally, the team co-released a regional comparative research report with the WHO Asia Pacific Observatory on Health Systems and Policies (The APO).

A new round of funding support from the Gates Foundation to Duke University will sustain VaxLab's research and technical support to advance immunization programs in China and Asia, especially for middle-income countries. The collaborative research project will allocate 1.3 million USD at Duke Kunshan University to continue expanding the use of WHO-recommended vaccines in China.



Filling the Last Mile Gap: From Evidence to Policy Change



Policy advocacy is crucial in bridging scientific evidence into policy changes. In November 2025, China officially announced the nationwide policy updates of offering free bivalent HPV vaccines for girls aged 13. Behind this landmark public health decision benefiting millions of families, VaxLab has played a pivotal role in providing evidence and advocacy to support the policy decision-making. The advocacy work included stakeholders' engagement, translating research findings into policy language, knowledge exchanges through workshops, social media posts, and international conferences, and engaging with leading media to drive public discourses.

Cultivating Talents: Undergraduate and Graduate Engagement

Educated and mentored >15 UG/PG students since 2022



Shan Wu

UG Global Health-Biology,
Class of 2026

I would like to express my heartfelt thanks to my mentors from the VaxLab team. My graduate signature project focused on "Preferences and Willingness to Pay for HPV Vaccination Among Parents of Junior High School Girls". Through this process, I witnessed how my research design and findings were integrated with practical needs, helping the local CDC stay informed about demand-side trends in a timely manner – that is the best lesson for me to understand how research generates tangible impact to the community.

I was excited when I heard about the HPV vaccine's inclusion in China's NIF. This is not only because the joint efforts in the lab with my colleagues have borne fruit, but also because it means our work has genuinely helped people. That also inspires me in my work with Project HOPE – we can truly become a change maker in global health.



Menglu Jiang

MSc Global Health, Class of 2025;
VaxLab Intern 2024-2025,
now the Project Coordinator at Project HOPE



The CREATInG Initiative



Background

The Asia-Pacific region is emerging as an innovative engine for In Vitro Diagnostics (IVD) products and technologies, holding immense potential to improve global health. Launched in 2025, the CREATInG Initiative is a joint effort of Duke-NUS Medical School's Centre of Regulatory Excellence (CoRE) and Duke Kunshan University's Global Health Research Center (GHRC) to accelerate the access of affordable IVD solutions in low- and middle-income countries. The program completed three milestone events in 2025. The activities convene global experts and industry leaders to strengthen regulatory and market-access capacity-building for IVD manufacturers.



Professor Fujie Xu

Co-Director of the Global Health Program
Co-PI of the CREATInG Initiative



As a co-founding partner of the CREATInG Initiative, Duke Kunshan University is committed to building a global expressway for exceptional IVD enterprises from China, South Korea, and ASEAN. The initiative serves not merely as a training platform, but as a convener of ecosystem partners. We are mobilising worldwide resources to systematically empower these companies, enabling them to navigate developing markets and regulatory landscapes with deeper insights and enhanced capabilities. Through these efforts, we help transform Asian IVD innovations into a dynamic force for global health, advancing ultimately to meaningful health impact.



EVENT 1 The International Roundtable

How can regulation serve as a key enabler in facilitating access to IVD in global communities that need them most? The 2-day international roundtable hosted over 50 delegates from 13 countries, with senior government officials, thought leaders, and IVD stakeholders gathering to discuss impactful interventions to improve IVD access in global markets.



GROUP PHOTO

The key takeaways:

- 1 Sustainable access to IVDs to address public health needs involves development, regulatory, business, and adoption considerations.
- 2 Multistakeholder collaborations can help address regulatory and market adoption gaps for innovative diagnostics.
- 3 Concerted efforts by regional and global partners on sustainable development, financing, regulatory reliance, and capacity building are required to accelerate IVD access.

EVENT 2 Executive Development Program

The two-day workshop convened senior representatives from government agencies, academic institutions, international organizations, and non-governmental organizations (NGOs), including the Ministry of Health of Indonesia, the Gates Foundation, the World Bank, the Clinton Health Access Initiative (CHAI), the Right Foundation (South Korea) and the China Chamber of Commerce for Import and Export of Medicines and Health Products, as well as Duke-NUS Medical School and Duke Kunshan University (DKU). The interactive program also drew 38 leading global and regional in vitro diagnostics (IVD) firms, including industry front runners such as Hugo biotech, Wantai Biopharm, and Coyote Bio. Participants jointly explored actionable approaches to building an enabling industrial ecosystem for IVD products and accelerating their global market access.



"The Executive Development Program was a truly enriching experience. Domestic and international experts shared valuable insights on market strategy, expansion, and risk management etc. It was also a great pleasure to reconnect with old acquaintances and make new connections."

— Noah Chen, Pluslife



"Thank you to the organizers and all the experts for such a valuable program. I hope the initiative continues to grow and drive positive change in the industry."

— Justin Zhang, LivZon Diagnostics



EVENT 3 Regulatory Functional Training

The three-day intensive training brought together key regulatory affairs professionals from in IVD companies in China and South Korea, serving as a pivotal bridge linking Asian IVD innovation to global markets to support the international roll out of IVD products. Training themes spanned several priority areas, including: a session delivered by experts from Singapore's Health Sciences Authority (HSA) on the city-state's IVD registration procedures and review criteria; the global IVD regulatory landscape and market access strategies; the WHO prequalification process for IVDs; and a dedicated session on industry-academia-research synergy to empower clinical research.



THEMATIC LECTURE



"This is Global Health" Symposium Series

Background

Since 2014, the Global Health Research Center has organized a series of global health symposiums, inviting global health leaders, scientists, and industry experts to lecture on emerging global health trends and novel research findings for DKU faculty and students. With generous support from Xingzheng Global Fund Management and Ningquan Asset Management, the symposium series plays a vital role as an engaging platform for partnership, education, and research networking for GHRC. By December 2025, GHRC had successfully hosted 204 seminars.



Prof. Tien Yin Wong, Dean of Tsinghua University School of Medicine and internationally renowned authority in ophthalmology, delivered a keynote speech.



Dialogue session with Prof. Wenhong Zhang (left), Director of the National Centre for Infectious Diseases (China) and Director of the Department of Infectious Diseases, Huashan Hospital, Fudan University.

9 speakers from international organizations, academic, and healthcare industry

- United Nations
- Center for Strategic and International Studies
- Tsinghua University
- World Bank
- McKinsey
- Duke University
- Shanghai Huashan Hospital

7 Symposiums in 2025

Global Health

- Mental Health
- TB Control
- Health Diplomacy
- World Population Trend
- AI Era
- China Healthcare innovation

- DKU faculty and students
- Research partners from the Duke Family, CCUGH
- Kunshan Health Sectors
- Suzhou Biotech Industry
- Alumni and Global Health Capacity Building Trainees

~950 participants

Research Highlights

New Initiatives Launched

The Global Health Research Center launched two initiatives in 2025 sponsored by the E-Fund.



The Innovation Lab for Cancer Prevention and Control (CALab)

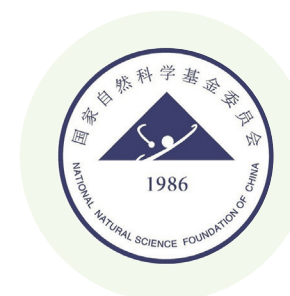
The Innovation Lab for Cancer Prevention and Control (CALab) was co-founded in collaboration with Peking University Cancer Hospital, Shanghai Zhongshan Hospital, Fudan University, and the National Center for Chronic and Noncommunicable Disease Control and Prevention of the China CDC. CALab conducts evidence-based research and policy analysis on key issues in cancer prevention and control. It has published 3 policy briefs by the end of 2025.

The Health Policy Research Group (HPRG)

The Health Policy Research Group (HPRG) brings together a diverse range of stakeholders dedicated to advancing the healthcare sector. The HPRG is committed to deepening research on healthcare system reforms, facilitating the translation of research findings into policy practices, and supporting the implementation of the Healthy China strategy to improve population health. It has published 3 policy briefs by the end of 2025.



Major Grants Secured NSFC Grant Award



Dr. Claudia Nisa

Awarded Grant from the National Natural Science Foundation of China

Dr. Claudia Fernandes Nisa, Assistant Professor of Behavioral Science at the Global Health Research Center, has recently been awarded a research grant from the National Natural Science Foundation of China (NSFC) for the year 2025. Her research project is scheduled to commence on January 1, 2026. Nisa's research focuses on the effectiveness of behavioral interventions aimed at helping people live healthier and more sustainable lives.

Immunization Financing in China and Vietnam

The VaxLab team collaborated with the Chinese Academy of Fiscal Sciences to publish a study in BMJ Global Health. The research reviews challenges to sustainable financing for new vaccines in China's national immunisation programme and provides evidence-based policy recommendations.

Dr. Xinyu Zhang, Research Assistant Professor in Global Health at Duke Kunshan University, partnered with Vietnam's Health Strategy and Policy Institute. Their study, published in The Lancet Regional Health – Western Pacific, summarizes Vietnam's EPI financing experience and offers actionable guidance for other middle-income countries.



Regional Progress and Disparities in ASEAN's Health SDGs



Senior Research Fellow Lei Guo published a study in PLOS Medicine as co-first author titled "Progressing towards the 2030 health-related SDGs in ASEAN: A systematic analysis."

The paper assesses ASEAN member states' progress toward health-related SDGs and identifies remaining gaps.

Results from two NCD trials, led by Prof. Lijing Yan, were published in leading journals: The prespecified analysis of the Salt Substitute and Stroke Study (SSaSS) trial, published in JAMA Cardiology (February 2025), evaluated a salt substitute (75% sodium chloride/25% potassium chloride) vs. regular salt in 15,249 stroke patients across 600 Chinese villages. The findings indicated that the salt substitute significantly reduced recurrent stroke and stroke-related deaths.

The six-year follow-up study of the System-Integrated and Technology-Enabled Model of Care (SINEMA) trial among people with stroke published in PLOS Medicine showed that the SINEMA model significantly reduced stroke, cardiovascular and all-cause mortality by 27-29%.



Regional Insights into Frailty, Aging, and Healthcare Economics



Dr. Chenkai Wu, Associate Professor of Global Health, has made notable progress in frailty and aging research, particularly regarding hip fractures. Applying a regional lens, his work has examined the social determinants of disability among older Filipinos using a polysocial score approach, and investigated the economic burden of healthcare expenditures for older adults with multimorbidity and hypertension in Vietnam and China.



Translating Research Locally

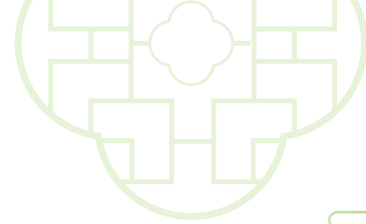
Two community-based research projects were launched in 2025 as part of the 2024 strategic partnership between DKU and the Kunshan Municipal Health Commission.



The Community-Empowerment and Environmental Enrichment-based Co-management (CEECC) Model and Mechanisms for Improving Health of Older Stroke Patients with Multimorbidity, led by Dr. Lijing Yan, Professor of Global Health, focused on using innovative approaches to NCDs management at the community level.



Dr. Fan Liang, Assistant Professor of Media and Ms. Zhangyang Pan, Associate Director for Communication and Advocacy, co-lead the project to address vaccine hesitancy among schoolgirl parents and older adults, informing evidence-based vaccine communication for the Kunshan CDC and immunization clinics across the city.



Education Highlights

The Fifth DKU Innovation Challenge

Background

Duke Kunshan University (DKU) hosted the Fifth DKU Innovation Challenge. A total of 29 outstanding projects advanced to the final round, securing seed funding or research grants awarded by the competition.

Under the theme “Innovation & Connection,” this year’s Challenge aimed to inspire young innovators not only to define “what I have created” but also to explore how creation can spark further possibilities. Notably, four projects involving two undergraduate and five graduate students from the field of global health were successfully selected. Their projects cover diverse health topics, including nutrition, student mental well-being, and vaccine communication for older adults, demonstrating the ability of DKU global health students to address real-world issues through interdisciplinary collaboration.

For detailed team information, please refer to the appendix.



GROUP PHOTO OF FINALISTS

Student Research

The program maintains a strong focus on cultivating students' independent research capabilities and actively supports research training initiatives. In 2025, a total of 30 master's and undergraduate students have published 20 papers in Chinese and English journals as first authors or co-authors. Their research spans multiple fields including health system strengthening, chronic disease management, population aging, and One Health, demonstrating the students' strong research competencies and high-quality academic output.



Li Liu MSc Global Health, Class of 2025

- Candidate-PhD student, The University of Texas at Austin
- Published papers in the areas of integrative multi-omics and metabolic modeling in microbial systems

“You might find joy in experiments or fall in love with discussions in class; a single remark from a teacher could solidify your path, or a disastrous presentation might lead to a breakthrough.”

Dongfang Wu MSc Global Health, Class of 2025

- Candidate-PhD student, Faculty of Medicine, The Chinese University of Hong Kong
- Published papers in the areas of blockchain and health

“Blockchain and global health may seem like worlds apart, but they share a common vision: making systems more transparent, equitable, and accessible to all. That vision is what drives me—and what I’ll keep working toward.”



Haizhu Song UG, Global Health / Public Policy Track, Class of 2026

- Incoming Harvard Chan MS Student
- Published papers in the areas of maternal and child health, and chronic disease

“Meaningful research is grounded not only in rigorous methods, but also in a deep commitment to real-world health challenges. My experience at the Global Health Research Center has strengthened both my academic interests and my determination to continue pursuing epidemiologic research.”



Learning Beyond the Classroom

Duke Global Policy Program in Geneva

Four MSc Global Health students from Class of 2026 were selected for the competitive Duke Global Policy (DGP) Program - a signature summer initiative from Duke University. The program offers an immersive platform for experiential learning in global governance, offering a unique opportunity to engage directly with the frontline of global policymaking and bridge connections with international organizations.



Group photo of program members

Field visit

During the Fall 2025 semester, under the course “Non-Communicable Diseases in LMICs,” Prof. Lijing Yan led a delegation of 19 global health master’s and undergraduate students to visit the Chinese Cardiovascular Association (CCAhouse) and the Cold

Spring Harbor Asia DNA Learning Center in Suzhou Industrial Park. The visit provided students with opportunities to engage closely with industry frontiers, supporting their future research endeavors and career development.

Winter Camp

Global Health Innovation for Impact: From Idea to Scale

The “Global Health Innovation for Impact: From Idea to Scale” Winter Camp brought together leading scholars and industry leaders in global health and biotechnology. Structured around three core modules - from problems to innovative solutions, bringing global health innovations to market, and scaling and sustainability - the Winter Camp offered a rich learning experience through lectures, panel discussions, site visits, and group-based practical activities.



MSc-GH students gathered for a photo with three senior industry executives



Group photo taken at the Jiangsu Institute of Parasitic Diseases, with Dr. Cao Jun seated in the front-row center

A field visit to the Jiangsu Institute of Parasitic Diseases (JIPD)

led by Director Dr. Jun Cao, provided the students with first-hand insights into the history of parasitic disease control and China–Africa cooperation in schistosomiasis prevention and control.

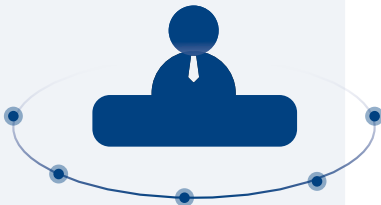


A guide explains details to attentive students

2025 Graduate Employment Highlights Status

As of January 2026, a total of **25** students from the Master of Science in Global Health program’s Class of 2025 graduated from Duke Kunshan University.

Among them, **17** graduates were employed in various sectors including healthcare, pharmaceuticals, consulting, finance, and education; **5** advanced to doctoral programs at prestigious universities, both in China and abroad; and **3** graduates pursued flexible employment.



64%

Industry

EY-Parthenon
Huawei
Innovent Biologics, Inc.
PDD Holdings Inc.
Pharmaron
Teva Pharmaceutical



4%

NGO

Project HOPE

12%

Flexible Employment

20%

Further Education

The University of Texas at Austin
The Chinese University of Hong Kong
Wuhan University



GROUP PHOTO OF THE CLASS OF 2025



Impact Highlights

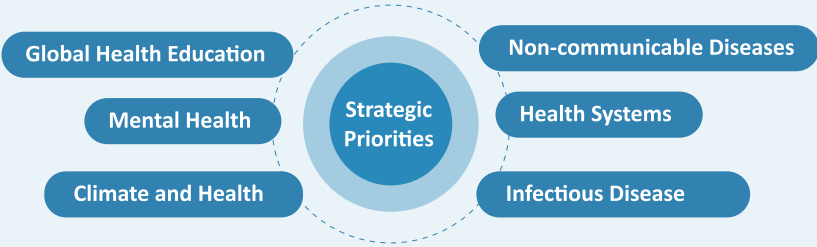
Enhance Ties within the Duke Family

Duke-NUS Medical School Delegation Visits DKU to Strengthen Collaboration

A delegation from Duke-NUS Medical School visited Duke Kunshan University (DKU) on May 19-20 to deepen institutional ties and advance joint initiatives in medical education, research, and faculty development. The discussions yielded strategic plans to strengthen academic collaboration between the two institutions.

Duke Tripartite Retreat in Hanoi Strengthens Global Health Collaboration

Building on the success of the first retreat at Duke Kunshan University in October 2023, leaders from Duke’s tripartite global health institutes recently gathered in Hanoi for the second collaborative retreat in 2025. The tripartite aligned on 6 strategic priorities.



Steer New Ties for Cross-Sectoral Collaboration

Implementation Science: Turn Research into Real-World Impact

In November 2025, the Global Health Research Center successfully hosted an international symposium on *Implementation Science, Bridging the Gap between Evidence and Impact*. The event convened five world-renowned leaders in the field, marking a significant milestone for the growth of this emerging interdisciplinary field in China. The event also established a valuable platform for dialogue among researchers, policymakers, and industry representatives.



The Going Global Partnership Grant Award



The Global Health Program (GHP) has been awarded the 2025 UK–Malaysia–Jiangsu Going Global Partnerships Grant by the British Council. This grant aims to foster mutually beneficial international collaborations between higher education and research institutions. Led by Dr. Qian Long, Associate Professor of Global Health, the funded project is scheduled for implementation in 2026. It focuses on enhancing real-world big data analysis skills through transnational education, with the goal of bridging global health knowledge and practical applications.

Influence the Next Generation of Global Health Leaders

Explore New Paradigms for Global Health Talent Capacity Training

During the Evaluation Workshop for the “China Global Health Leadership Capacity Building Training Program”, DKU brought together thought leaders from the National Health Commission Talent Exchange Service Center, Peking Union Medical College, China Foreign Affairs University, Fudan University, and other partners, along with alumni trainees, scholars, and practitioners of global health. It reviewed past achievements and explored innovative approaches to cultivating China’s next generation of global health leaders.



WORKSHOP PARTICIPANTS ENGAGED IN IN-DEPTH DISCUSSIONS.

The World’s Leading Preventive Cardiology Training Seminar

Prof. Lijing Yan served as a mentor at the 54th Ten-Day International Teaching Seminar on Cardiovascular Disease Epidemiology and Prevention, organized by the International Society for Cardiovascular Disease Epidemiology and Prevention (ISCEP), one of the world’s leading preventive cardiology training courses for researchers and clinical practitioners. The seminar trains about 40 participants from the globe each year, a total of nearly 2000 from over 100 countries since 1966.

Shape for the Future of Global Health

How is China Contributing to Shaping the Global Health Agenda

Invited by the UK National Committee on China (UKNCC) as a Guest Contributor for a column, Prof. Fujie Xu argues China will shape the global health agenda through its unique strengths. China's political desire to lead the Global South and its technical capabilities make it responsive to health emergencies like Ebola and earthquakes. Prof. Xu suggests China's future contribution will lie in leveraging its manufacturing power to provide affordable health solutions—such as vaccines and bednets—rather than large-scale, recurring financial donations.



Better Diagnostics for Low- and Middle-income Countries



Prof. Fujie Xu was invited to contribute to the 14th Advanced Course on Diagnostics (ACDx), held at the Les Pensières Center for Global Health in Veyrier-du-Lac, France. Aligned with World Health Assembly Resolution WHA76.5 on strengthening diagnostics capacity, ACDx advocates for the role and value of diagnostics in global health and builds capacity for critical decision-making on diagnostics, particularly in developing countries.



Appendix

The Fifth DKU Innovation Challenge

An AI-Powered Precision Nutrition Platform for Healthier Families and More Efficient Professional Practice

 **TEAM:** Ziyi Xia (Team Lead), Xiaoyun Ding, Xinyue Zhou, Weiwei Zhu
(All team members: MSc Global Health, Class of 2027)

By combining personalized, high-touch expert consultations with an in-house AI-powered triage tool, the platform delivers tailored chronic disease prevention solutions for high-net-worth families and corporate clients. At the same time, NutriSense supports nutrition professionals through efficiency tools and standardized training programs, strengthening capacity across the field.

PROMIS – Platform for Resilience Optimization and Mental-Health Insights for Students (AI HealthTech)

 **TEAM:** Tim Maurice Steiner (Team Lead), Masa Holocsi (MSc Global Health, Class of 2027), Tianruo Liu, Feiyang Zhong

PROMIS, the Platform for Resilience Optimization and Mental Health Insights for Students, is an AI-driven analytics tool designed to support student well-being while giving universities clearer visibility into campus mental health trends.

Optimizing Vaccine Communication for Older Adults Through Social Media Data Analysis

 **TEAM:** Shiyu Pan (Team Lead), Leyan Chen (UG Global Health, Class of 2028), Yunfei Fang, Chang Liu, Hanxi Zheng

This project examines how official vaccine messages are communicated across different digital platforms, and how older adults make sense of them. The aim of the project is to improve grassroots vaccine outreach, minimizing information gaps, and easing vaccine-related concerns among older adults.

Pause and Relax: A Screen-Free Metro Health Space Initiative

 **TEAM:** Jiaqi Chen (Team Lead, UG Global Health, Class of 2028), Tianruo Liu

Pause and Relax takes aim at the growing reliance on digital screens during daily commutes. The project proposes introducing a calm, screen-free carriage on Shanghai Metro Line 11, creating space for passengers to read, rest, and reconnect with their surroundings.

Selected Publications



Advancing Key Research Areas

Chen, X., Gong, E., **Tan, J.**, Turner, E. L., Gallis, J. A., Sun, S., Luo, S., Wu, F., **Yang, B.**, Long, Y., Wang, Y., Li, Z., Zhou, Y., **Tang, S.**, Bettger, J. P., Oldenburg, B., Zhang, X., Gao, J., Mittman, B. S., ... **Yan, L. L.** (2025). Long-term mortality outcome of a primary care-based mobile health intervention for stroke management: Six-year follow-up of a cluster-randomized controlled trial. *PLOS Medicine*, 22(3), e1004564. <https://doi.org/10.1371/journal.pmed.1004564>

Ding, X., Zhang, X., Huang, L., Xiong, S., Li, Z., Zhao, Y., Zhou, B., Yin, X., Xu, B., Wu, Y., Neal, B., Tian, M., & **Yan, L. L.** (2025). Salt substitution and recurrent stroke and death: A randomized clinical trial. *JAMA Cardiology*, 10(4), 343–350. *Salt Substitution and Recurrent Stroke and Death: A Randomized Clinical Trial - PubMed*

Ding, X., Tian, M., & **Yan, L. L.** (2025). Salt substitution and recurrent stroke and death—Reply. *JAMA Cardiology*, 10(10), e2603. <https://doi.org/10.1001/jamacardio.2025.2603>

Luo, J., Xiang, Q., Lin, T., Liang, R., Dai, Y., Jiang, T., **Xu, J.**, Yue, J., & **Wu, C.** (2025). Associations between total and regional fat-to-muscle mass ratio and osteoarthritis incidence: A prospective cohort study. *Osteoarthritis and Cartilage*, 33(8), 1083–1091. <https://doi.org/10.1016/j.joca.2025.04.014>

Si, Y., **Guo, L.**, Chen, S., **Zhang, X.**, Dai, X., Wang, D., Liu, Y., Tran, B. X., Pronyk, P. M., & **Tang, S.** (2025). Progressing towards the 2030 health-related SDGs in ASEAN: A systematic analysis. *PLOS Medicine*, 22(4), e1004551. <https://doi.org/10.1371/journal.pmed.1004551>

Wang, S., Zhang, T., Yang, S., Liu, R., Li, B., Wang, J., Zhang, D.-W., & Zhao, Z. (2025). A gesture recognition system using electrical impedance tomography with improved electrode layout and classification techniques. *IEEE Transactions on Instrumentation and Measurement*, 74, 3551444. <https://doi.org/10.1109/TIM.2025.3551444>

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