



# Fudan University Global Health International Summer School 2025

## Call for Applications!

To promote international academic exchange and dialogue, build a top-tier academic bonds and cultivate outstanding talents in the field of global health, we hereby launch the 2025 Fudan University Global Health International Summer School. We sincerely invite excellent students from around the world to gather in Shanghai to share wisdom and define innovation through practice.

## Introduction to the International Summer School on Global Health

This summer school, themed "Innovation and Action in Global Health," focuses on hot topics such as global pandemics response, AI and innovations, global health financing and spending, equal accessibility of health product innovations and data to policy. This course has four course modules: "Global Health Issues and Countermeasures", "Global Health Planning and Investment", "Global Health Security and Diplomacy" and "Global Health Governance Practices".

This summer school will be held at Fudan University's Fenglin Campus from **June 23 to July 11, 2025**. Hosted by Fudan University Shanghai Medical College, this summer school aims to provide a unique learning platform for young students with global health background to broaden their horizons and promote academic thinking. More than 20 internationally renowned scholars with rich teaching experiences will be invited to teach intensively on the latest changes and hot issues in global health field. Approximately 60 outstanding students will be selected from global applicants and those who pass the assessment will be awarded a certificate of completion.

In addition, participants will explore the city, engage in cultural exchanges at Shanghai landmarks and experience the captivating charm of Chinese culture. This summer school will be conducted through lectures, group discussions, and field visits. The schedule is detailed in **Appendix 1**.

## Course Content

This summer school brings together world-class scholars for interactive teaching. The courses adopt a participatory approach, including lectures, group discussions and activities, with assessments based on scientific articles and group presentations.

### Module 1: Global Health Issues and Responses

- **Topics:** This module addresses core global health issues, integrating theory and practice. Experts will systematically analyze the definition of global health, determinants of health, and strategies to address major health challenges, including demographic and epidemiological transitions, determinants of health, global pandemic response practices, vaccine planning, primary healthcare, progress and challenges in combating neglected tropical diseases as well as innovative AI solutions for health issues.

### Module 2: Global Health Planning and Investment

- **Topics:** This module examines practical cases and financing strategies of organizations such as Global Fund, Gavi and Unitaid. It systematically explores the use of external aid and domestic resources to fund global health initiatives, covering topics such as global health investment, health expenditure, national health financing policies for universal health coverage, key elements of successful investment cases, health product innovation and Gavi's collaboration to achieve global health equity.

### Module 3: Global Health Security and Diplomacy

- **Topics:** This module analyzes key stakeholders in global health governance, contemporary challenges posed by the COVID-19 pandemic and geopolitics, opportunities brought by technological advancements and ongoing intergovernmental negotiations on pandemic treaties. Topics include power and governance in global health diplomacy, the role of state and non-state actors, current status of pandemic treaty negotiations as well as pandemic preparedness and response.

### Module 4: Global Health Governance Practices

- **Topics:** This module explores practical cases of global and regional health governance, focusing on transforming health investments into measurable outcomes. Key topics include improving regional health resource accessibility, addressing localization challenges and translating data into policy. Discussions will cover funding-to-outcome efficiency, data-driven policy-making, enhancing accessibility and equity in health products and the future of global health in a changing global and regional landscape.

# Eligibility and Requirements

## Applicant Requirements:

- Excellent master and doctoral students currently enrolled worldwide.
- Background in Public Health, Global Health, Philosophy, Law, Sociology, Journalism, Economics, Management, International Relations or related fields, with a strong interest in global health.
- Proficiency in English (listening, speaking, reading, and writing) to fully participate in English-taught courses.





## Fees:

- Tuition is free. All other expenses (e.g., accommodation, travel) are to be covered by the participant.

## Scholarships:

- Approximately 10 outstanding international students will receive scholarships subsidizing for international travel and accommodation expenses.

## Application Process:

- Sign up at <http://register.fudan.edu.cn/>
- Click the  button and choose  English program.
- First click  Off-campus user login button and then  Go to register? button, use your email address to create a new account to log in.
- Input the program name to find it and apply.

## Important dates: **Deadline:** May 10, 2025, 24:00 (Beijing Time).

- The admission notifications will be sent by via email or the application system.

## Contact Information:

- Ms. Zhang, Tel: +86-21-54231336, Email: [zhang\\_xiaoxu@fudan.edu.cn](mailto:zhang_xiaoxu@fudan.edu.cn)
- Ms. Zhou, Tel: +86-21-54231336, Email: [zhouyujia@fudan.edu.cn](mailto:zhouyujia@fudan.edu.cn)

## Appendix 1: Summer School Schedule

Week1	June 23 (Mon)	June 24 (Tue)	June 25 (Wed)	June 26 (Thu)	June 27 (Fri)
9:00-12:00	<b>Official welcome Group of Participants</b>	<b>Antony Mounts</b> Epidemiologist and lead COVID-19 Vaccine Implementation Program, Task Force for Global Health, CDC	<b>Daniel Argaw Dagne</b> Unit Head for Prevention, Treatment and Care Department of Control of Neglected Tropical Diseases,WHO, Geneva	<b>Aleksandar Arnikov</b> Senior Programme Officer Health Promotion and Assistance International Organization of Migration	<b>Gao Xiang</b> Distinguished Professor Dean of Institute of Nutrition, Fudan University
14:00-17:00	<b>Button Zhao</b> Senior specialist for impact and evaluation Programmatic Monitoring Department, the Global Fund	<b>Jeffery McFarland</b> Medical epidemiologist Global Immunization Division CDC and Gavi, the Vaccine Alliance	<b>Yoshinobu Nagamine</b> Senior Manager, Gavi, the Vaccine Alliance	<b>Steven Ramsden</b> President of information security Intertek	<b>Group work</b>
Week2	June 30 (Mon)	July 1 (Tue)	July 2 (Wed)	July 3 (Thu)	July 4 (Fri)
9:00-12:00	<b>Michael Borowitz</b> Chief Economist, UK Health Security Agency	<b>Johannes Hunger</b> Chief Advisor and Head of Special Projects, External Relations and Communications Department, the Global Fund	<b>Ross Leach</b> Team Lead, Corporate Performance and Impact Unitaid	<b>Xu Ming</b> Dean of the Department of Global Health, the School of Public Health	<b>Allan Maleche</b> Executive Director of Kenya Legal and Ethical Issues Network on HIV and AIDS (KELIN)
14:00-17:00	<b>Xu Ke</b> Senior Health Financing and Expenditure Analyst & Team Lead for Health Accounts WHO, Geneva	<b>Soonman Kwon</b> Professor, Seoul National University	<b>Allen G.K. Maina</b> Chief of Public Health Section UNHCR	<b>Nina Schwalbe</b> Founder and CEO Spark Street Advisors	<b>Group work</b>
Week3	July 7 (Mon)	July 8 (Tue)	July 9 (Wed)	July 10 (Thu)	July 11 (Fri)
9:00-12:00	<b>Matthew Brown</b> Lifetime Member Council of Foreign Relations	<b>Adam Karpati</b> Sr. Vice President, Public Health Programs, Vital Strategies	<b>Nicolas Ray</b> Director for graduate program in global health, University of Geneva	<b>Austin Liu</b> Policy Analyst Coalition for Epidemic Preparedness Innovations (CEPI)	<b>Group presentations</b>
14:00-17:00	<b>Daniel Low Beer</b> Unit Head, Strategic Information Analysis and Use Department of HIV, STIs and Hepatitis, WHO, Geneva	<b>Group work</b>	<b>Group work</b>	<b>Group work</b>	<b>Closing Ceremony</b>

## Appendix 2: Course Director

### Fan Wu

*Professor and the Deputy Dean of Shanghai Medical College, Fudan University*

Dr. Wu Fan currently serves as Deputy Dean of Shanghai Medical College at Fudan University, while holding several prominent leadership positions: Director of Shanghai Institute of Infectious Diseases and Biosecurity, Director of WHO Collaborating Centre for Healthy Cities, President of Shanghai Preventive Medicine Association, Vice Chair of National Expert Committee on Nutrition and Health, and Academic Committee Member of the Think Tank of Ministry of Human Resources and Social Security. Dr. Wu Fan previously held several key leadership positions, including Founding Director of National Center for Chronic Disease Control and Prevention of Chinese CDC, Director of Shanghai Municipal Center for Disease Control and Prevention and Deputy Director of Shanghai Municipal Health Commission. With over 30 years of experience in disease control and public health research, education and administration, Dr. Wu Fan has published more than 200 SCI-indexed papers in top-tier international journals including The New England Journal of Medicine. She serves as Editor-in-Chief of two core Chinese medical journals: Journal of Environmental and Occupational Medicine and Shanghai Journal of Preventive Medicine.

### Jinkou (Button) Zhao

*Senior specialist for impact and evaluation, Programmatic Monitoring Department, the Global Fund*

Dr Jinkou (Button) Zhao, is a senior specialist for impact and evaluation at the Global Fund to fight AIDS, Tuberculosis and Malaria. He was a senior advisor at Bill & Melinda Gates Foundation and the chief for strategic information at Centers for Disease Control and Prevention. He worked in endemic diseases, non-communicable chronic diseases, infectious diseases and malnutrition at Jiangsu Provincial Center for Disease Control and Prevention. He teaches epidemiology and global health, and supervise master's and PhD students in various universities in China and Europe. He published more than 260 peer reviewed journal articles.

## Appendix 3: Lecturer Biography

### Anthony Mounts

*Epidemiologist and lead COVID-19 Vaccine Implementation Program, Task Force for Global Health, CDC*

Dr. Anthony (Tony) Mounts, MD trained in Pediatrics, Internal Medicine with a sub-specialization in adult Infectious Diseases. He joined the Epidemic Intelligence Service of the US Centers for Disease Control and Prevention in 1997 and spent the next 25 years with CDC working on a wide range of international public health issues including polio eradication in Pakistan, influenza control at WHO Headquarters, and Global Health Security in Vietnam. Dr. Mounts joined the Task Force for Global Health in March of 2022 where he leads the COVID-19 Vaccine Implementation Program and provides technical support for the Early Warning Surveillance Development Project.

### Jeffrey McFarland

*Medical epidemiologist Global Immunization Division CDC and Gavi, the Vaccine Alliance*

Jeff McFarland is an American public health physician who has worked since 1991 focusing on the prevention, detection, response to and control of infectious diseases, particularly vaccine preventable diseases. Dr McFarland has worked at U.S. CDC in Atlanta, Beijing and Hanoi, WHO in Manila and New Delhi and UNICEF in New York City. He is currently working at Gavi. While the work covered all vaccine preventable diseases, it focused primarily on measles, rubella, and influenza. Dr McFarland graduated from the University of Missouri-Columbia Medical School and completed clinical training in internal medicine and infectious diseases at Columbia University's St Luke's-Roosevelt Hospital Center in New York City. He also completed the U.S. CDC EIS training program and preventive medicine residency.



## Daniel Argaw Dagne

*Unit Head for Prevention, Treatment and Care, Department of Control of Neglected Tropical Diseases, WHO, Geneva*

Dr. Daniel Argaw Dagne is currently the Unit Head for Prevention, Treatment and Care, in the Department of Control of Neglected Tropical Diseases at the WHO, Geneva. Prior to this, he was coordinator of the Innovative and Intensified Disease Management Unit and Head of the global leishmaniasis control program in the same department. He has worked as lead for the Disease Prevention and Control team in WHO Ethiopia and as director of disease surveillance, control and health programs at various level of the Ministry of Health system in Ethiopia. He is a physician with specialization in tropical medicine and public health.

## Yoshinobu Nagamine

*Senior Manager, Gavi, the Vaccine Alliance*

Yoshinobu Nagamine is a Senior Manager at Gavi, the Vaccine Alliance mobilising government and private resources to protect children from vaccine preventable diseases. Passionate about leveraging innovation & technology in global health and sourcing financial & political capital for impact. During the C19 pandemic, he was part of COVAX, the global procurement mechanism of C19 vaccines for developing countries with a focus on Africa. Previously with International Committee of the Red Cross (ICRC) for 10 years assisting war victims in DRC and Afghanistan. Founded and headed the ICRC office in Japan. As a researcher, he interviewed Taliban members and wrote a book on how to ensure compliance with humanitarian law by non-state actors.

## Aleksandar Arnikov

*Senior Programme Officer, Health Promotion and Assistance*

*International Organization of Migration*

Aleksandar Arnikov is a medical doctor and a public health practitioner with 25 years of experience. He is currently based in IOM's Headquarters in Geneva, Switzerland, overseeing the agency's Health Promotion and Migrants Assistance pillar. He joined IOM in 2014 and has since worked as a Regional Migration Health Officer and Regional Thematic Specialist on Migration Health in East and Southern Africa, the Middle East, and the Americas. Before IOM, he worked with the Global Fund, UNICEF, and the World Bank.

## Steven Ramsden

### *President of information security Intertek*

Steve Ramsden is the President of information security at Intertek with experience as an executive across government, private and non-profit sectors. Member of various research think tanks, Swiss Gov Zurich ETH and WEF focusing on intersection of policy, strategy for frontier technologies, cyber security, AI, quantum and open source innovations for social impact and 'leaving nobody behind'. Private, public and academic partnerships for impact. He was Chief Information Security Officer and Digital Innovation/Enterprise Architecture at The Global Fund to fight AIDS, Tuberculosis and Malaria based in Geneva, Switzerland and held management positions within UK Government, responsible for security and designs for UK Government's digital transformation.

## Gao Xiang

### *Distinguished Professor and Dean of Institute of Nutrition, Fudan University*

Dr Xiang Gao was Assistant Professor (2010-2014) at Harvard Medical School, and Associate Professor (2014-2020) and Full Professor (2020-2022) at the Penn State University. He was also the Schreyer Distinguished Honors Faculty at the Penn State University. His research interests include nutrition, neurological diseases, and global health. He has published more than 360 articles in peer-reviewed journals and served on committees of UNESCO and FAO. He has served as PI for several NIH R01/R21/R03 grants since 2009. Dr. Gao won several international awards for his research, such as the Wayne A. Hening Sleep Medicine Investigator Award from the American Academy of Neurology (2011), the Samuel Fomon Young Physician Investigator Award from American Society for Nutrition (2015), and the Distinguished Achievement Alumni Award from Tufts University (2024). He was selected into the Tufts Honorable Alumni Registry in 2015. Dr. Gao graduated from Shanghai Jiaotong University School of Medicine (MD), Peking Union Medical College (MS in Epidemiology) and Tufts University (PhD in Nutritional Epidemiology).

## Michael Borowitz

### *Chief Economist, UK Health Security Agency*

Michael Borowitz is the Chief Economist at the UK Health Security Agency. He was appointed as a Non-executive Director at the National Institute for Health and Care Excellence (NICE) during 2022. Dr Borowitz has been a senior health economist at the Global Fund, the World Bank, the OECD, and in the British and US governments. He has long-standing interest in pharmaco-economics and health technology assessment and did his doctoral dissertation on the implementation of clinical guidelines.



## Xu Ke

### *Senior Health Financing and Expenditure Analyst & Team Lead for Health Accounts, WHO*

Xu Ke is Senior Health Financing and expenditure Analyst at WHO and leads the WHO Health Accounts team. Before taking on this role, she served as a coordinator for Health Policy and Financing in WHO's Western Pacific Region, providing support to countries in the development and implementation of health financing and governance policies. Her over 20 years of experience at WHO began with the development of the conceptual framework and measurements of catastrophic health expenditure and the poverty impact of out-of-pocket payment.

## Johannes Hunger

### *Chief Advisor and Head of Special Projects, External Relations and Communications Department, The Global Fund*

Johannes Hunger is the Chief Advisor and Head of Special Projects at the Global Fund. Since their introduction as part of the Global Fund's Fifth Replenishment campaign in 2015, Johannes has spearheaded the development of all Global Fund investment cases to date. Over the last three replenishment cycles, these investment cases have supported the mobilization of over 40 billion US dollars.

Prior to his current role, he served as the Head of Strategic Information and Senior Manager for Strategy and Policy. Among many other priorities, Johannes has led the development and implementation of the Global Fund's first allocation model in 2012 and oversaw the production of annual results reports and the setting of strategic targets for the Global Fund.

## Soonman Kwon

### *Professor, Seoul National University*

Soonman is Professor and Former Dean of the School of Public Health, Seoul National University (SNU) and has worked over 30 years on UHC, health finance and systems, ageing and long-term care, and pharmaceutical policy in Korea and LMICs. He is the founding director of the WHO Collaborating Centre for Health System and Financing and was the Chief of the Health Sector Group in the Asian Development Bank (ADB). He was the president of the Korea Health Industry Development Institute (KHIDI), which is a R&D agency under the Ministry of Health and Welfare. He is a member of WHO (WPRO) TAG (Technical Advisory Group) on UHC and WHO (HQ) TAG on Pricing Policies for Medicines.

## Ross Leach

### *Team Lead, Corporate Performance and Impact, Unitaïd*

Ross Leach is Team Lead (Corporate Performance and Impact) at Unitaïd, a hosted partnership of the World Health Organization. In his current role, Ross leads the Impact team, with responsibility for the performance management of Unitaïd's US\$ 1.5 billion portfolio of grants. He has over 15 years' experience in using evidence to inform strategic decision-making, having previously worked as a UK government economist at DFID and the Department of Health (England). Ross holds Economics degrees from Heriot-Watt University (MA (Hons)) and The University of Edinburgh (MSc.), and an MBA from Warwick Business School.

## Allen G.K. Maina

### *Chief of Public Health Section, UNHCR*

Dr. Allen Maina is a Public Health specialist with close to two decades work experience, having worked for the Ministry of Health, NGOs and with UNHCR operations primarily in Africa, Europe and Asia, and currently as Chief of Public Health Section in UNHCR's headquarters in Geneva, Switzerland. He has vast experience in policy development, research, multi-stakeholder engagement and coordinating strategic and program implementation on public health.

## Xu Ming

### *Dean of the Department of Global Health of the School of Public Health*

Xu Ming is the Research Professor and Dean of the Department of Global Health, School of Public Health, as well as the Associate Dean of the Institute for Global Health and Development at Peking University. He has rich work experience in global health and the development of the healthcare industry. He was the Head of the Department for Emerging Economies and previously the Senior Political Advisor for External Relations at the Global Fund to Fight AIDS, Tuberculosis and Malaria in Switzerland. Prior to that, he was the Vice President of China Chamber of Commerce for the Import and Export of Medicines and Health Products under the Ministry of Commerce of China. Earlier, he served in the United Nations Iraq-Kuwait Observation Mission and the Chinese Embassy in the Republic of Korea. He now serves as a member of the Technical Advisory Panel (TAP) of the Pandemic Fund and the World Health Organization's Technical Advisory Group on Local Production and Technology Transfer of Health Products (TAG-LPTT).

## Nina Schwalbe

### *Founder and CEO, Spark Street Advisors*

Nina Schwalbe founded Spark Street Advisors in 2016. She has held numerous leadership positions including at USAID, Gavi, the vaccine alliance, UNICEF and the Open Society Foundation. She holds degrees from Harvard and Columbia Universities and is on the faculty at Columbia University's Mailman School of Public Health. She is a lifetime member of the Council on Foreign Relations, a Principal Visiting Fellow at the United Nations International Institute for Global Health and a Commissioner for the Lancet on gender and health. Nina lives in New York City and has written about COVID-19 and the Pandemic Accord in Lancet, the Lancet Global Health, British Medical Journal, the Financial Times, the Washington Post, the Atlantic Monthly and the Foreign Policy, among others.

## Allan Maleche

### *Executive Director of Kenya Legal and Ethical Issues Network on HIV and AIDS (KELIN)*

Dr. Allen Maina is a Public Health specialist with close to two decades work experience, having worked for the Ministry of Health, NGOs and with UNHCR operations primarily in Africa, Europe and Asia, and currently as Chief of Public Health Section in UNHCR's headquarters in Geneva, Switzerland. He has vast experience in policy development, research, multi-stakeholder engagement and coordinating strategic and program implementation on public health.

## Matthew Brown

### *Lifetime Member, Council of Foreign Relations*

Dr. Matthew Brown serves as the Deputy Director for Program Quality in the U.S. Department of State's Bureau of Global Health Security and Diplomacy (GHSD), supporting PEPFAR, a \$6 billion initiative across 55 countries that has saved over 25 million lives. From 2021 to 2023, he was the Deputy Country Director for CDC Ethiopia, leading a \$100 million PEPFAR program. Previously, he served as the Deputy Health Attaché in the U.S. Embassy Beijing during the COVID-19 pandemic and as the Director of the China Office for NIH Fogarty International Center. Dr. Brown has also held leadership positions in Kazakhstan, Cote d'Ivoire, Haiti, and China. Dr. Brown is a recognized leader in global health security and diplomacy and has over 50 peer-reviewed publications in the field, including academic partnerships with the University of California, San Diego, the Uniformed Services University of the Health Sciences, and is currently serving as a Dean's Visiting Scholar at the University of Memphis School of Public Health.

## Daniel Low Beer

*Unit Head, Strategic Information Analysis and Use Department of HIV, STIs and Hepatitis, WHO, Geneva*

Daniel Low-Beer is unit head of data for HIV, viral Hepatitis and STIs at the World Health Organisation. He has worked in public health for 30 years, supporting the HIV responses in Uganda, Thailand and South Africa in the 1990s. He then developed performance based funding in the Global Fund as Director of Performance, Impact and Evaluation, from 2004 to 2014. He joined WHO in 2014. developing person centred monitoring guidelines, the elimination targets for viral Hepatitis, HIV and STIs, and the first country investment cases for viral hepatitis in China. He has also developed individual level data projects in the private sector in health consulting, and lived in and developed community monitoring with NGOs in South Africa.

## Adam Karpati

*Sr. Vice President, Public Health Programs, Vital Strategies*

Adam Karpati, M.D., M.P.H. is Senior Vice President at Vital Strategies, where he leads the Public Health Programs Division, comprising teams working in dozens of countries worldwide to strengthen public health systems and address leading causes of death, illness, and injury. Major global initiatives include RESET Alcohol, which focuses on assisting countries to adopt policies to reduce alcohol-related harms to health and development, and Data for Health, which supports countries in improving civil registration and vital statistics and cancer registry systems and in using data for policy making. In addition, the U.S.-based Overdose Prevention Program works in multiple states, supporting governments and communities to implement a harm reduction approach to reducing overdose mortality and improving the lives of people who use drugs. He previously stewarded the launch of Vital's role in the Partnership for Healthy Cities and Global Road Safety initiatives, establishing teams and embedded staff in multiple cities and countries.

## Nicolas Ray

*Director for graduate program in global health, University of Geneva*

Nicolas Ray is Associate Professor at the Institute of Global Health of the University of Geneva, directing the Division Human, Animal, and Environmental Health, heading the GeoHealth group, and directing the Doctoral program in Global Health. He is also a member of the Institute for Environmental Sciences, where he directed the Hub "Digital Sciences for environment and health" from 2017 to 2024. He has a long-standing inter-disciplinary research experience in spatial ecology, population genetics, spatial data infrastructure, GIS, and global health, with a focus on developing and applying models of physical accessibility to health services. He was previously seconded for nine years to UN Environment/GRID-Geneva office, where he was heading the Environment Modeling & Geoprocessing Unit and was the Technology Director of the global MapX initiative.

He is currently leading several projects directed toward geospatial modelling at the interface of global health and environmental sciences, and with an emphasis on low- and middle-income countries.

## Austin Liu

### *Policy Analyst, Coalition for Epidemic Preparedness Innovations (CEPI)*

Austin Liu is a health policy researcher with experience in several global health organizations. He is currently a policy analyst at the Coalition for Epidemic Preparedness Innovations (CEPI), where he developed and implemented a framework to analyze health and finance policy drivers and drive engagement with partners in the pandemic preparedness and response ecosystem. Prior to that, he was a manager in the Public Policy Engagement team at Gavi, the Vaccine Alliance, where he managed policy and partnership projects on primary health care, health financing, and pandemic preparedness and response. He was part of the country engagement team that helped secure political and financial commitments for the establishment of COVAX in 2020.



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